MARCH, 1930 NUMBER 265

THE UNIVERSITY OF NORTH CAROLINA RECORD

THE ONE HUNDRED AND THIRTY-SIXTH SESSION

THE CATALOGUE 1929-1930

Announcements for 1930-1931

THE UNIVERSITY OF NORTH CAROLINA PRESS
CHAPEL HILL, N. C.

1930

JANUARY

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1931

JANUARY

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CATALOGUE OF EVENTS

1930	
June 7-10	*Saturday through Tuesday.* Commencement Exercises.
June 11-August 27	Summer School of Law.
June 12-July 22	Summer Session, First Term.
July 23-August 29	Summer Session, Second Term.
Sept. 10-13	*Wednesday through Saturday.* Entrance Examinations and Examinations to remove conditions.
Sept. 16-18	*Tuesday through Thursday.* Freshman Week.
Sept. 17	*Wednesday.* Registration of Freshmen for the fall quarter.
Sept. 18	*Thursday.* Registration (all except Freshmen) for the fall quarter.
Sept. 19	*Friday.* Class work for the fall quarter begins.
Oct. 12	University Day.
Nov. 26	*Wednesday.* Thanksgiving Recess begins (1:00 p.m.).
Dec. 1	*Monday.* Thanksgiving Recess ends (8:30 a.m.).
Dec. 17-20	*Wednesday through Saturday.* Examinations for the fall quarter. Registration (for the winter quarter) of all except Freshmen and Sophomores.
Dec. 20 (afternoon)-Jan. 1, 1931	Christmas Recess.
1931	
Jan. 2	*Friday.* Registration (Freshmen, Sophomores, and new students) for the winter quarter.
Jan. 3	*Saturday.* Class work for the winter quarter begins. Regular classes as of Thursday.
Jan. 31	*Saturday.* First Term of the School of Law ends.
Jan. 31	*Saturday.* Candidates for the Mangum Medal announce their subjects to their respective Deans.
Feb. 2	*Monday.* Second Term of the School of Law begins.
Mar. 11-14	*Wednesday through Saturday.* Examinations for the winter quarter. Registration (for the spring quarter) of all except Freshmen and Sophomores.
Mar. 14-20	*Saturday afternon through Friday.* Spring Recess.
Mar. 21	*Saturday.* Registration (Freshmen, Sophomores, and new students) for the spring quarter.
Mar. 23	*Monday.* Class work for the spring quarter begins.
May 1	*Friday.* Selection of Commencement Orators.
June 1-4	*Monday through Thursday.* Examinations for the spring quarter.
June 6-9	*Saturday through Tuesday.* Commencement Exercises.

TABLE OF CONTENTS

PART ONE PAGE

Board of Trustees 5
Executive Committee of the Trustees 7
Officers of Administration 8
Officers of Instruction 10
Standing Committees of the Faculty 26

PART TWO

The University—General Information 28
Grounds and Buildings 36
The University Library 49
The University Press 51
Admission and Requirements 52
Expenses—Fees 60
Pecuniary Aid 64
Medals and Prizes 70
Regulations 72
Student Government 86
Public Lectures and Sermons 88
University Organizations 89
The General Alumni Association 97

PART THREE

Courses of Instruction—Description 99

PART FOUR

College of Liberal Arts 190
School of Applied Science 201
School of Engineering 207
School of Education 212
School of Commerce 220
School of Public Welfare 231
Graduate School 237
Summer School 253
Extension Division 272

PART FIVE

School of Law 280
School of Medicine 297
School of Pharmacy 307

PART SIX

Commencement 316
Catalogue of Students 323

PART ONE—OFFICERS

BOARD OF TRUSTEES
OFFICERS OF ADMINISTRATION
OFFICERS OF INSTRUCTION
FACULTY COMMITTEES

TRUSTEES

OLIVER MAX GARDNER, Governor, President *ex officio* of the Board of Trustees.
ARCH TURNER ALLEN, Superintendent of Public Instruction, member *ex officio* of the Board of Trustees.
HENRY MAUGER LONDON, Secretary of the Board.

MEMBERS OF THE BOARD

1931*

Thomas Contee Bowie.....Ashe
William Edmond Breese.....Transylvania
James Lester DeLaney.....Mecklenburg
John Christopher Blucher Ehringhaus.....Pasquotank
Adolphus Hill Eller.....Forsyth
William Nash Everett, Jr.....Richmond
Richard Tillman Fountain.....Nash
George Kenneth Grantham.....Harnett
Charles Felix Harvey.....Lenoir
John Addison Hendricks.....Madison
William Lanier Hill.....Duplin
Henry Mauger London.....Wake
Addison Goodloe Mangum.....Gaston
James Smith Manning.....Wake
Cameron Morrison.....Mecklenburg
Edward Saunders Parker, Jr.....Guilford
John Johnston Parker.....Mecklenburg
Robert Lee Smith.....Stanly
Thomas Stringfield.....Haywood
Frederick Isler Sutton.....Lenoir
Walter Frank Taylor.....Wayne
Thomas Davis Warren.....Craven
Buxton Barker Williams.....Warren
John Kenyon Wilson.....Pasquotank
William Coleman Woodard.....Nash

* The legal term of office expires November 30th of the year indicated.

1933

ALEXANDER BOYD ANDREWS	Wake
ISAAC MAYO BAILEY	Wake
PERRIN BUSBEE	Wake
JOSEPHUS DANIELS	Wake
WILLIAM DUNN, JR.	Craven
ALEXANDER HAWKINS GRAHAM	Orange
AUGUSTUS WASHINGTON GRAHAM	Granville
GEORGE CHANCELLOR GREEN	Halifax
HARRY PERCY GRIER	Iredell
LUTHER THOMPSON HARTSELL	Cabarrus
JOHN WETMORE HINSDALE	Wake
WILLIAM STAMPS HOWARD	Edgecombe
RICHARD HENRY LEWIS, JR.	Granville
PAUL JONES LONG	Northampton
WILLIAM LUNSFORD LONG	Halifax
JAMES VANCE MCGOUGAN	Cumberland
CAMERON MACRAE	Cabarrus
J. THOMAS MANGUM	Davidson
JOHN HALL MANNING	Wake
JAMES DICK PROCTOR	Robeson
CHARLES GRANDISON ROSE	Cumberland
HORACE EDNEY STACY	Robeson
GEORGE STEPHENS	Buncombe
NEWMAN ALEXANDER TOWNSEND	Harnett
WALTER HENDERSON WOODSON	Rowan

1935

BENJAMIN LEONIDAS BANKS	Pasquotank
JAMES CRAWFORD BIGGS	Wake
WILLIAM HYSLOP SUMNER BURGWYN	Northampton
BURTON CRAIGE	Forsyth
REUBEN OSCAR EVERETT	Durham
JOSIAH CRUDUP KITTRELL	Vance
BENJAMIN KITTRELL LASSITER	Granville
STAHLE LINN	Rowan
ROBERT EUGENE LITTLE	Anson
JACOB ELMER LONG	Durham
JOHN GERALD MURPHY	New Hanover
WALTER MURPHY	Rowan
HENRY ALLISON PAGE	Moore
ROBERT BURWELL REDWINE	Union
GEORGE CLAIBORNE ROYALL	Wayne
ABEL ALEXANDER SHUFORD, JR.	Catawba
CHARLES LEE SMITH	Wake
DAVID BAIRD SMITH	Mecklenburg

EUGENE JACKSON TUCKER.....Davidson
ZEB VANCE WALSER.....Person
LESLIE WEIL.....Wayne
CHARLES WHEDBEE.....Perquimans
†JOHN NESTOR WILSON.....Guilford
FRANCIS DONNELL WINSTON.....Bertie
ALBERT EDGAR WOLTZ.....Gaston

1937

KEMP DAVIS BATTLE.....Nash
MARVIN KEY BLOUNT.....Pitt
WILLIAM GRIMES CLARK.....Edgecombe
FREDERICK JACKSON COXE.....Anson
WILLIE REID DALTON.....Rockingham
CLAUDIUS DOCKERY.....Montgomery
RUFUS ALEXANDER DOUGHTON.....Alleghany
EPHRAIM LASH GAITHER.....Davie
THOMAS JACKSON GOLD.....Guilford
JAMES ALEXANDER GRAY.....Forsyth
FLETCHER HARRISON GREGORY.....Halifax
JOHN SPRUNT HILL.....Durham
CHARLES ANDREW JONAS.....Lincoln
HAMILTON CHAMBERLAIN JONES.....Mecklenburg
WILSON GIDEON LAMB.....Martin
ANGUS WILTON MCLEAN.....Robeson
JOHN HENRY MCMULLAN.....Beaufort
CHARLES EDWARD MADDRY.....Wake
WILLIAM DANIEL MERRITT.....Person
HAYWOOD PARKER.....Buncombe
WILLIE MANGUM PERSON.....Franklin
WILLIAM DOSSEY PRUDEN.....Chowan
GRAHAM WOODARD.....Wilson
CLEMENT GILLESPIE WRIGHT.....Guilford
GEORGE ALEXANDER YOUNCE.....Guilford

EXECUTIVE COMMITTEE OF THE TRUSTEES

OLIVER MAX GARDNER, *ex officio* Chairman
HENRY M. LONDON, *ex officio* Secretary

**1931:* J. S. HILL, C. L. SMITH, CHARLES WHEDBEE, J. S. MANNING, F. D. WINSTON.

**1930:* A. T. ALLEN, CLAUDIUS DOCKERY, A. H. GRAHAM, LESLIE WEIL, WALTER MURPHY.

**1929:* A. B. ANDREWS, N. A. TOWNSEND, HAYWOOD PARKER, JOSEPHUS DANIELS, Z. V. WALSER.

† Deceased.
* Term expires.

OFFICERS OF ADMINISTRATION

THE UNIVERSITY

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

WALTER DALLAM TOY, M.A., *Secretary of the Faculty.*

THOMAS JAMES WILSON, JR., Ph.D., *Registrar.*

CHARLES THOMAS WOOLLEN, *Business Manager.*

LOUIS ROUND WILSON, Ph.D., *Librarian.*

FRANCIS FOSTER BRADSHAW, M.A., *Dean of Students.*

MRS. MARVIN HENDRIX STACY, *Adviser to Women.*

ROBERT ALLISON FETZER, B.S., M.A., *Director of Athletics.*

ROBERT BURTON HOUSE, A.M., *Executive Secretary.*

JULIUS ALGERNON WARREN, *Treasurer and Bursar.*

LIVINGSTON BERTRAM ROGERSON, *Auditor.*

GEORGE KENNETH GRANT HENRY, Ph.D., *Assistant Registrar.*

DONALD CONEY, A.M., *Assistant Librarian.*

THE COLLEGE AND THE SCHOOLS

ADDISON HIBBARD, M.A., *Dean of the College of Liberal Arts.*

JAMES MUNSIE BELL, Ph.D., *Dean of the School of Applied Science.*

NATHAN WILSON WALKER, Ed.M., *Acting-Dean of the School of Education and Director of the Summer School.*

GUSTAVE MAURICE BRAUNE, C.E., *Dean of the School of Engineering.*

DUDLEY DEWITT CARROLL, M.A., *Dean of the School of Commerce.*

WILLIAM WHATLEY PIERSON, JR., Ph.D., *Acting-Dean of the Graduate School.*

CHARLES TILFORD MCCORMICK, B.A., LL.B., *Dean of the School of Law.*

CHARLES STAPLES MANGUM, A.B., M.D., *Acting-Dean of the School of Medicine.*

EDWARD VERNON HOWELL, A.B., Ph.G., *Dean of the School of Pharmacy.*

HOWARD WASHINGTON ODUM, Ph.D., *Director of the School of Public Welfare.*

THE EXTENSION DIVISION

RUSSELL MARVIN GRUMMAN, B.H., *Director.*

EDGAR RALPH RANKIN, A.M., *Head, Department of School Relations.*

LOUISE MANNING VENABLE, A.B., *Executive Secretary.*

THE GYMNASIUM

Robert Baker Lawson, M.D., *Director.*

THE INFIRMARY

Eric Alonzo Abernethy, S.B., M.D., *University Physician.*

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Harry Fulcher Comer, B.S., *General Secretary.*

OFFICERS OF INSTRUCTION

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
A.B., 1904, A.M., 1908 (Dartmouth); Ph.D., 1910 (Clark); LL.D. (Lenoir, Wake Forest, Georgia, Dartmouth).

FRANCIS PRESTON VENABLE, Ph.D., D.Sc., LL.D., *Kenan Professor of Chemistry.*
A.M., Ph.D., 1881 (Goettingen); LL.D. (Pennsylvania, South Carolina, Alabama, Jefferson); D.Sc. (Lafayette).

WALTER DALLAM TOY, M.A., *Professor of the Germanic Languages and Literatures.*
M.A., 1882 (Virginia).

WILLIAM CAIN, A.M., LL.D., Sc.D., *Kenan Professor Emeritus of Mathematics.*
A.M., 1886 (N. C. Mil. Polyt. Inst.); LL.D. (South Carolina); D.Sc. (North Carolina).

HENRY HORACE WILLIAMS, A.M., B.D., *Kenan Professor of Philosophy.*
A.B., A.M., 1883 (North Carolina); B.D., 1888 (Yale).

*HENRY VANPETERS WILSON, Ph.D., *Kenan Professor of Zoölogy.*
A.B., 1883, Ph.D., 1888 (Johns Hopkins).

COLLIER COBB, A.M., D.Sc., *Professor of Geology and Mineralogy.*
A.B., 1889, A.M., 1894 (Harvard); D.Sc. (Wake Forest).

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy and Acting-Dean of the School of Medicine.*
A.B., 1891 (North Carolina); M.D., 1894 (Jefferson Medical College).

EDWARD VERNON HOWELL, A.B., Ph.G., *Professor of Pharmacy and Dean of the School of Pharmacy.*
A.B., 1892 (Wake Forest); Ph.G., 1894 (Philadelphia College of Pharmacy).

MARCUS CICERO STEPHENS NOBLE, Pd.D., *Professor of Pedagogy and Dean of the School of Education.*
Student, 1875-1876 (Davidson); Student, 1877-1879 (North Carolina); Pd.D. (Davidson).

**ISAAC HALL MANNING, M.D., *Professor of Physiology and Dean of the School of Medicine.*
Student, 1882-1886 (North Carolina); M.D., 1897 (Long Island College of Medicine).

* Absent on leave on the Kenan Foundation, 1929-1930.
** Absent on leave, 1929-1930.

George Howe, Ph.D., *Professor of the Latin Language and Literature.*
A.B., 1897 (Princeton); A.M., Ph.D., 1903 (Halle).

Nathan Wilson Walker, A.B., Ed.M., *Professor of Secondary Education, Director of the Summer School, and Acting-Dean of the School of Education.*
A.B., 1903 (North Carolina); Ed.M., 1921 (Harvard).

William deBerniere MacNider, M.D., *Kenan Research Professor of Pharmacology.*
M.D., 1903 (North Carolina).

William Chambers Coker, Ph.D., *Kenan Professor of Botany.*
B.S., 1894 (South Carolina); Ph.D., 1901 (Johns Hopkins).

Archibald Henderson, Ph.D., D.C.L., LL.D., *Kenan Professor of Mathematics.*
A.B., 1898, A.M., 1899, Ph.D., 1902 (North Carolina); Ph.D., 1915 (Chicago); D.C.L. (University of the South); LL.D. (Tulane).

Joseph Gregoire deRoulhac Hamilton, Ph.D., *Kenan Professor of History and Government.*
M.A., 1900 (University of the South); Ph.D., 1906 (Columbia).

Henry McGilbert Wagstaff, Ph.D., *Professor of History.*
Ph.B., 1899 (North Carolina); Ph.D., 1906 (Johns Hopkins).

Patrick Henry Winston, *Professor of Law.*
Graduate, 1905 (United States Military Academy); Student, 1905 (North Carolina); Student, 1910 (Michigan).

William Morton Dey, Ph.D., *Professor of the Romance Languages and Literatures.*
B.A., M.A., 1902 (Virginia); A.M., 1904, Ph.D., 1906 (Harvard).

Atwell Campbell McIntosh, A.M., LL.D., *Professor of Law.*
A.B., 1881, A.M., 1887, LL.D. (Davidson).

Alvin Sawyer Wheeler, Ph.D., *Professor of Organic Chemistry.*
A.B., 1890 (Beloit); A.M., 1897, Ph.D., 1900 (Harvard).

*Louis Round Wilson, Ph.D., *Kenan Professor of Library Administration and Librarian.*
A.B., 1899, A.M., 1902, Ph.D., 1905 (North Carolina).

James Munsie Bell, Ph.D., *Smith Professor of Chemistry and Dean of the School of Applied Science.*
B.A., 1902, M.A., 1905 (Toronto); Ph.D., 1905 (Cornell).

James Bell Bullitt, A.M., M.D., *Professor of Pathology.*
A.B., 1894, A.M., 1895 (Washington and Lee); M.D., 1897 (Virginia).

* Absent on leave on the Kenan Foundation, winter and spring quarters, 1930.

THOMAS JAMES WILSON, JR., Ph.D., *Registrar.*
A.B., 1894, A.M., 1896, Ph.D., 1898 (North Carolina).

EUGENE CUNNINGHAM BRANSON, A.M., Litt.D., *Kenan Professor of Rural Social Economics.*
A.M., 1894 (Trinity); A.M., 1899 (Peabody Normal); Litt.D. (Georgia).

DUDLEY DEWITT CARROLL, M.A., *Professor of Economics and Dean of the School of Commerce.*
A.B., 1907 (Guilford); A.B., 1908 (Haverford); M.A., 1915 (Columbia).

FREDERICK HENRY KOCH, A.M., *Professor of Dramatic Literature.*
A.B., 1900 (Ohio Wesleyan); A.M., 1909 (Harvard).

JOHN EMERY LEAR, E.E., *Professor of Electrical Engineering.*
B.S., in E.E., 1901 (Virginia Polytechnic); E.E., 1909 (Texas Agricultural and Mechanical).

NORMAN FOERSTER, A.M., *Professor of English.*
A.B., 1910 (Harvard); A.M., 1912 (Wisconsin).

JOHN GROVER BEARD, Ph.G., *Professor of Pharmacy.*
Ph.G., 1909 (North Carolina).

EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education.*
A.B., 1909, A.M., 1911 (Trinity); Ph.D., 1913 (Columbia).

WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology.*
B.S., 1903, M.S., 1904 (Syracuse); Ph.D., 1906 (Johns Hopkins).

HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology and Director of the School of Public Welfare.*
A.B., 1904 (Emory); A.M., 1906 (Mississippi); Ph.D., 1909 (Clark); Ph.D., 1910 (Columbia).

WILLIAM STANLEY BERNARD, A.M., *Professor of Greek.*
A.B., 1900, A.M., 1904 (North Carolina).

JOHN MANNING BOOKER, Ph.D., *Professor of English.*
A.B., 1901 (Johns Hopkins); Ph.D., 1912 (Heidelberg).

THOMAS FELIX HICKERSON, A.M., S.B., *Professor of Civil Engineering.*
Ph.B., 1904, A.M., 1907 (North Carolina); S.B., 1909 (Massachusetts Institute of Technology).

WILLIAM WHATLEY PIERSON, JR., Ph.D., *Professor of History and Government and Acting-Dean of the Graduate School.*
A.B., 1910, A.M., 1911 (Alabama); A.M., 1912, Ph.D., 1916 (Columbia).

JOHN FREDERICK DASHIELL, Ph.D., *Professor of Psychology.*
B.S., 1908, B.L., 1909 (Evansville); A.M., 1910, Ph.D., 1913 (Columbia).

FRANCIS FOSTER BRADSHAW, M.A., *Dean of Students.*
A.B., 1916 (North Carolina); M.A., 1926 (Columbia).

*Sturgis Elleno Leavitt, Ph.D., *Professor of Spanish.*
A.B., 1908 (Bowdoin); A.M., 1913, Ph.D., 1917 (Harvard).

**James Finch Royster, Ph.D., LL.D., *Kenan Professor of English Philology and Dean of the Graduate School.*
A.B., 1900 (Wake Forest); Ph.D., 1907 (Chicago); LL.D. (Wake Forest).

Robert Diggs Wimberly Connor, Ph.B., *Kenan Professor of History and Government.*
Ph.B., 1899 (North Carolina).

Gustave Maurice Braune, C.E., *Professor of Civil Engineering and Dean of the School of Engineering.*
B.S., 1888 (Spring Hill); C.E. (Dipl. Ing.), 1895 (Royal Polytechnical Institute, Dresden, Saxony).

Kent James Brown, Ph.D., *Professor of German.*
A.B., 1901 (Dickinson); Ph.D., 1905 (Pennsylvania).

Claudius Temple Murchison, Ph.D., *Professor of Applied Economics.*
A.B., 1911 (Wake Forest); Ph.D., 1919 (Columbia).

Robert Ervin Coker, Ph.D., *Professor of Zoölogy.*
S.B., 1896, S.M., 1897 (North Carolina); Ph.D., 1906 (Johns Hopkins).

Marion Rex Trabue, Ph.D., *Professor of Educational Administration.*
A.B., 1911 (Northwestern); M.A., 1914, Ph.D., 1915 (Columbia).

George McFarland McKie, A.M., *Professor of Public Speaking.*
Graduate, 1898 (Emerson College of Oratory); A.B., A.M., 1907 (North Carolina).

Erle Ewart Peacock, A.B., M.B.A., *Professor of Accounting.*
A.B., 1914 (Georgia); M.B.A., 1916 (Harvard); C. P. A., State of North Carolina.

Harry Wolven Crane, Ph.D., *Professor of Psychology.*
A.B., 1909, A.M., 1910, Ph.D., 1913 (Michigan).

Arthur Melville Jordan, Ph.D., *Professor of Educational Psychology.*
A.B., 1907 (Randolph-Macon); A.M., 1909 (Trinity); Ph.D., 1919 (Columbia).

Esek Ray Mosher, Ed.D., *Professor of Education and Director of Training.*
A.B., 1903 (Minnesota); A.M., 1907 (Western Reserve); Ed.M., 1921, Ed.D., 1924 (Harvard).

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* Absent on leave, fall and winter quarters, 1929-1930.
** Absent on leave, 1929-1930, as Director American Universities Union, London.

THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
A.B., 1914 (Harvard); B.S., 1914, C.E., 1915 (Dartmouth); M.S., 1917 (Harvard); M.S., 1917 (Mass. Inst. of Technology).

JOHN WAYNE LASLEY, JR., Ph.D., *Professor of Pure Mathematics.*
A.B., 1910, A.M., 1911 (North Carolina); Ph.D., 1920 (Chicago).

ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics.*
A.B., 1907 (Guilford); A.B., 1908 (Haverford); Ph.D., 1917 (Johns Hopkins).

WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
A.B., 1911, A.M., 1912, Ph.D., 1918 (North Carolina).

OTTO STUHLMAN, JR., Ph.D., *Professor of Physics.*
B.A., 1907 (Cincinnati); M.A., 1909 (Illinois); Ph.D., 1911 (Princeton).

GUSTAVE ADOLPHUS HARRER, Ph.D., *Professor of Latin.*
A.B., 1910, Ph.D., 1913 (Princeton).

*ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*
Student, 1903-1907 (Düsseldorf); Ph.D., 1911 (Bonn).

FRANK PORTER GRAHAM, M.A., *Professor of History.*
A.B., 1909 (North Carolina); M.A., 1916 (Columbia).

ADDISON HIBBARD, M.A., *Professor of English and Dean of the College of Liberal Arts.*
B.A., 1909, M.A., 1919 (Wisconsin).

ROBERT HASLEY WETTACH, A.M., S.J.D., *Professor of Law.*
A.B., 1913, A.M., 1914, LL.B., 1917 (Pittsburgh); S.J.D., 1921 (Harvard).

CHARLES TILFORD MCCORMICK, B.A., LL.B., *Professor of Law, and Dean of the School of Law.*
B.A., 1909 (Texas); LL.B., 1912 (Harvard).

GEORGE COFFIN TAYLOR, Ph.D., *Professor of English.*
A.B., 1897 (South Carolina); A.M., 1899 (Harvard); Ph.D., 1906 (Chicago).

OSCAR JACKSON COFFIN, A.B., *Professor of Journalism.*
A.B., 1909 (North Carolina).

WILLIAM JOHN MCKEE, C.E., M.A., *Professor of Education in Extension Teaching.*
C.E., 1909 (Cornell); M.A., 1919 (Columbia).

EDWARD JAMES WOODHOUSE, B.A., LL.B., *Professor of Government.*
B.A., 1903 (Randolph-Macon); LL.B., 1907 (Virginia).

* Absent on leave on the Kenan Foundation, fall quarter, 1929.

ROBERT BURTON HOUSE, A.M., *Executive Secretary of the University.*
A.B., 1916 (North Carolina); A.M., 1917 (Harvard).

ELMER GEORGE HOEFER, M.E., *Professor of Mechanical Engineering.*
B.S. in M.E., 1905, M.E., 1915 (Wisconsin).

WILLIAM FLINT THRALL, Ph.D., *Professor of English.*
A.B., 1901, A.M., 1902 (McKendree); A.M., 1915, Ph.D., 1920 (Chicago).

*ALBERT COATES, A.B., LL.B., *Professor of Law.*
A.B., 1918 (North Carolina); LL.B., 1923 (Harvard).

HOWARD MUMFORD JONES, M.A., *Professor of English.*
B.A., 1914 (Wisconsin); A.M., 1915 (Chicago).

URBAN TIGNER HOLMES, JR., Ph.D., *Professor of French.*
A.B., 1920 (Pennsylvania), A.M., 1921, Ph.D., 1923 (Harvard).

MITCHELL BENNETT GARRETT, Ph.D., *Professor of Modern European History.*
A.B., 1900, A.M., 1903 (Howard); Ph.D., 1910 (Cornell).

MILLARD SHERMAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*
Ph.B., 1917 (Chicago); LL.B., 1918 (Yale).

FRANK KENNETH CAMERON, Ph.D., *Professor of Chemistry.*
A.B., 1891, Ph.D., 1894 (Johns Hopkins).

ERNEST RUTHERFORD GROVES, A.B., B.D., *Research Professor of Sociology.*
A.B., 1903 (Dartmouth); B.D., 1907 (Yale).

FRANK CARL VILBRANDT, Ph.D., *Professor of Industrial Chemistry.*
A.B., 1915, A.M., 1916, Ph.D., 1919 (Ohio State).

HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology and Supervisor of Field Work.*
A.B., 1912, A.M., 1916 (Georgia).

ENGLISH BAGBY, Ph.D., *Professor of Psychology.*
A.B., 1913, A.M., 1914 (Princeton); Ph.D., 1918 (Johns Hopkins).

WALLACE EVERETT CALDWELL, Ph.D., *Professor of History.*
A.B., 1910 (Cornell); Ph.D., 1919 (Columbia).

**LUTHER LEE BERNARD, Ph.D., *Professor of Sociology.*
A.B., 1907 (Missouri); Ph.D., 1910 (Chicago).

MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law.*
Ph.B., 1916, J.D., 1917 (Chicago).

HENRY ROLAND TOTTEN, Ph.D., *Professor of Botany.*
A.B., 1913, A.M., 1914, Ph.D., 1923 (North Carolina).

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* Absent on leave, 1929-1930.
** Absent on leave, 1929-1931.

HERMAN GLENN BAITY, Sc.D., *Professor of Sanitary and Municipal Engineering.*
A.B., 1917, S.B. in C.E., 1922 (North Carolina), M.S., 1925, Sc.D., 1928 (Harvard).

JAMES PENROSE HARLAND, Ph.D., *Professor of Archæology.*
A.B., 1913, Ph.D., 1920 (Princeton).

RICHARD JUNIUS MENDENHALL HOBBS, A.B., LL.B., *Professor of Economics.*
A.B., 1909 (Guilford); A.B., 1911 (Haverford); LL.B., 1914 (Columbia).

GEORGE FRANCIS BASON, M.E.E., *Professor of Electrical Engineering.*
B.S. in E.E., 1908 (N. C. State); M.E. in E.E., 1916, M.E.E., 1922 (Cornell).

HAROLD SHELDON DYER, M.Mus., *Professor of Music.*
A.B., 1913, M.Mus., 1916 (Chicago).

KARL HARTLEY FUSSLER, Ph.D., *Professor of Physics.*
A.B., 1909 (Indiana); Ph.D., 1916 (Pennsylvania).

ROBERT BAKER LAWSON, M.D., *Associate Professor of Applied Anatomy and Director of the Gymnasium.*
Student, 1897-1900 (North Carolina); M.D., 1902 (Maryland).

JAMES TALMADGE DOBBINS, Ph.D., *Associate Professor of Chemistry.*
A.B., 1911, A.M., 1912, Ph.D., 1914 (North Carolina).

*SAMUEL HUNTINGTON HOBBS, JR., A.M., *Associate Professor of Rural Economics and Sociology.*
A.B., 1916, A.M., 1917 (North Carolina).

**HOWARD RUSSELL HUSE, Ph.B., *Associate Professor of Romance Languages.*
Ph.B., 1913 (Chicago).

DANIEL ALLAN MACPHERSON, Ph.D., *Associate Professor of Bacteriology.*
Ph.B., 1919, Sc.M., 1920 (Brown); Ph.D., 1929 (Chicago).

ARTHUR SIMEON WINSOR, Ph.D., *Associate Professor of Mathematics.*
A.B., 1914, A.M., 1915 (Mount Allison); Ph.D., 1927 (Johns Hopkins).

*EDWARD VERNON KYSER, Ph.G., Ph.C., *Associate Professor of Pharmacy.*
Ph.G., 1915, Ph.C., 1924 (North Carolina).

***JOHN BROOKS WOOSLEY, A.M., *Associate Professor of Economics.*
A.B., 1912 (Guilford); A.B., 1913, A.M., 1914 (Haverford).

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* Absent on leave, fall quarter, 1929.
** Absent on leave, winter and spring quarters, 1930.
*** Absent on leave, 1929-1930.

FLOYD HARRIS EDMISTER, Ph.D., *Associate Professor of Chemistry.*
B.S., 1912 (Syracuse); M.S., 1913 (Louisiana State); Ph.D., 1918 (Syracuse).

MALCOLM DEAN TAYLOR, A.B., M.B.A., *Associate Professor of Marketing.*
A.B., 1921 (Oberlin); M.B.A., 1923 (Harvard).

ERNEST LLOYD MACKIE, Ph.D., *Associate Professor of Mathematics.*
A.B., 1917 (North Carolina); A.M., 1920 (Harvard); Ph.D., 1927 (Chicago).

*CORYDON PERRY SPRUILL, JR., A.B., B.Litt.(Oxon.), *Associate Professor of Economics.*
A.B., 1920 (North Carolina); B.Litt., 1922 (Oxford).

EDWARD TANKARD BROWNE, Ph.D., *Associate Professor of Mathematics.*
A.B., 1915, A.M., 1917 (Virginia); Ph.D., 1926 (Chicago).

ERNST CHRISTIAN PAUL METZENTHIN, Ph.D., *Associate Professor of German.*
A.M., 1913 (Pennsylvania State); Ph.D., 1915 (Pennsylvania).

JOEL HOWARD SWARTZ, Ph.D., *Associate Professor of Geology.*
A.B., 1915, Ph.D., 1923 (Johns Hopkins).

WILEY BRITTON SANDERS, A.M., *Associate Professor of Sociology.*
A.B., 1919 (Emory College); A.M., 1920 (Emory University); A.M., 1921 (North Carolina).

SHIPP GILLESPIE SANDERS, A.M., *Associate Professor of Latin.*
A.B., 1909 (Southwestern); A.M., 1915 (Princeton).

NICHOLSON BARNEY ADAMS, Ph.D., *Associate Professor of Spanish.*
A.B., 1915 (Washington and Lee); M.A., 1920, Ph.D., 1922 (Columbia).

JOE BURTON LINKER, Ph.D., *Associate Professor of Mathematics.*
A.B., 1918, A.M., 1920 (North Carolina); Ph.D., 1924 (Johns Hopkins).

JOSEPH MERRITT LEAR, M.A., *Associate Professor of Insurance.*
A.B., 1900, A.M., 1902 (Randolph-Macon); M.A., 1915 (Columbia).

GUSTAV THEODOR SCHWENNING, Ph.D., *Associate Professor of Business Administration.*
B.H., 1920 (Springfield); M.A., 1921, Ph.D., 1925 (Clark).

CARLTON ESTEY PRESTON, Ph.D., *Associate Professor of the Teaching of Science.*
A.B., 1899, A.M., 1900, Ph.D., 1902 (Harvard).

EARLE KEITH PLYLER, Ph.D., *Associate Professor of Physics.*
B.A., 1917, M.A., 1918 (Furman); M.A., 1923 (Johns Hopkins); Ph.D., 1924 (Cornell).

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* Absent on leave, 1929-1930.

PRESTON COOKE FARRAR, M.A., *Associate Professor of the Teaching of English.*
A.B., 1891 (Washington and Jefferson); M.A., 1904 (Columbia).

HUGO GIDUZ, A.B., *Associate Professor of the Teaching of French.*
A.B., 1905 (Harvard).

CLARENCE HEER, Ph.D., *Associate Professor of Public Finance.*
A.B., 1914 (Rochester); Ph.D., 1926 (Columbia).

HERMAN HENRY STAAB, M.A., *Associate Professor of Romance Languages.*
B.A., M.A., 1912 (University of the South).

*ALMONTE CHARLES HOWELL, Ph.D., *Associate Professor of English.*
A.B., 1917 (Denison); M.A., 1920 (Columbia); Ph.D., 1924 (North Carolina).

GREGORY LANSING PAINE, Ph.D., *Associate Professor of English.*
Ph.B., 1914, A.M., 1920, Ph.D., 1924 (Chicago).

WILLIAM DOUGALD MACMILLAN III, Ph.D., *Associate Professor of English.*
A.B., 1918, A.M., 1920, Ph.D., 1925 (North Carolina).

JOHN NATHANIEL COUCH, Ph.D., *Associate Professor of Botany.*
A.B., 1919, A.M., 1922, Ph.D., 1924 (North Carolina).

MILTON SYDNEY HEATH, A.M., *Associate Professor of Economics.*
A.B., 1920 (Kansas); A.M., 1924 (Harvard).

HOWARD FREDERICK MUNCH, A.M., *Associate Professor of the Teaching of Mathematics.*
B.S., 1904 (Adrian College); A.M., 1926 (Chicago).

FREDERICK BAYS MCCALL, A.B., LL.B., *Associate Professor of Law.*
A.B., 1915 (North Carolina); LL.B., 1928 (Yale).

ROY WILLIAM MORRISON, Ph.D., *Associate Professor of Education in Extension Teaching.*
A.B., 1916 (Davidson); Ph.D., 1928 (North Carolina).

HARRY DEMERLE WOLF, Ph.D., *Associate Professor of Economics.*
B.S., 1922 (Kansas State Teachers College); A.M., 1923, Ph.D., 1926 (Chicago).

DONALD CONEY, A.M., *Associate Professor of Library Administration.*
A.B., 1925, A.M., 1927 (Michigan).

GEORGE WALLACE SMITH, S.B., *Associate Professor of Engineering.*
S.B. in E.E., 1916 (North Carolina).

* Absent on leave, 1929-1930.

RALPH MCCOY TRIMBLE, C.E., S.M., *Associate Professor of Civil Engineering.*
C.E., 1921 (Virginia); S.M., 1927 (North Carolina).

CHARLES DALE BEERS, Ph.D., *Associate Professor of Zoölogy.*
A.B., 1921, A.M., 1922 (North Carolina); Ph.D., 1925 (Johns Hopkins).

BENJAMIN ALONZO STEVENS, M.A., *Associate Professor of Education in Extension Teaching.*
B.P., 1914 (Wisconsin); M.A., 1923 (Columbia).

EARL D. STRONG, M.A., *Associate Professor of Business Law.*
Ph.B., 1909 (Grinell); M.A., 1912 (Wisconsin).

REECE BERYHILL, M.D., *Acting-Associate Professor of Physiological Chemistry.*
A.B., 1921 (North Carolina); M.D., 1927 (Harvard).

*PAUL ELLIOTT GREEN, A.B., *Assistant Professor of Philosophy.*
A.B., 1921 (North Carolina).

*KEENER CHAPMAN FRAZER, A.M., *Assistant Professor of Government.*
A.B., 1920 (Wofford); A.M., 1921 (North Carolina).

HORACE DOWNS CROCKFORD, Ph.D., *Assistant Professor of Chemistry.*
B.S., 1920 (N. C. State College of Agriculture and Engineering); S.M., 1923, Ph.D., 1926 (North Carolina).

ROBERT RUSSELL POTTER, Ph.D., *Assistant Professor of English.*
A.B., 1921 (Denver); A.M., 1922 (Colorado); Ph.D., 1926 (North Carolina).

FREDERICK PHILLIPS BROOKS, Ph.D., *Assistant Professor of Bio-Chemistry.*
S.B. in Chemistry, 1921, S.M., 1922, Ph.D., 1926 (North Carolina).

GERALD RALEIGH MACCARTHY, Ph.D., *Assistant Professor of Geology.*
A.B., 1921 (Cornell); A.M., 1924, Ph.D., 1926 (North Carolina).

MICHAEL ARENDELL HILL, JR., A.M., *Assistant Professor of Mathematics.*
A.B., 1920, A.M., 1921 (North Carolina).

**FRANK RICHARDSON GARFIELD, A.B., *Assistant Professor of Economics.*
A.B., 1923 (Amherst).

HUBERT CROUZÉ HEFFNER, A.M., *Assistant Professor of English.*
A.B., 1921, A.M., 1922 (North Carolina).

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* Absent on leave, fall quarter, 1929.
** Absent on leave, 1929-1930.

JOHN MINOR GWYNN, A.M., *Assistant Professor of the Teaching of Latin.*
A.B., 1918, A.M., 1927 (North Carolina).

ARNOLD KIMSEY KING, A.B. in Educ., A.M., *Assistant Professor of the Teaching of History.*
A.B. in Educ., 1925 (North Carolina); A.M., 1927 (Chicago).

THOMAS JAMES WILSON III, D.Phil.(Oxon.), *Assistant Professor of French.*
A.B., 1921, A.M., 1924 (North Carolina); D.Phil., 1927 (Oxford).

JOHN CORIDEN LYONS, Ph.D., *Assistant Professor of French.*
B.S., 1920, M.A., 1921 (William and Mary); Ph.D., 1927 (North Carolina).

JEFFERSON CARNEY BYNUM, S.M., *Assistant Professor of Geography and Geology.*
S.B. in Geology, 1920, S.M., 1926 (North Carolina).

THOMAS SMITH MCCORKLE, B.Mus., *Assistant Professor of Music.*
B.Mus., 1920 (Texas W. C. Conservatory).

PAUL WOODFORD WAGER, Ph.D., *Assistant Professor of Rural Social Economics.*
B.S., 1917 (Hobart College); A.M., 1920 (Haverford); Ph.D., 1927 (North Carolina).

MARION LEE JACOBS, Ph.G., M.Sc., *Assistant Professor of Pharmacy.*
Ph.G., 1920 (North Carolina); M.Sc., 1926 (Nebraska).

*WILLIAM VANN PARKER, A.M., *Assistant Professor of Mathematics.*
A.B., 1923, A.M., 1924 (North Carolina).

FLETCHER MELVIN GREEN, Ph.D., *Assistant Professor of History.*
B.Ph., 1920 (Emory); A.M., 1922, Ph.D., 1927 (North Carolina).

SALLIE BELLE MARKS, M.A., *Assistant Professor of Elementary Education.*
A.B., 1923 (S. W. Teachers College); M.A., 1926 (Columbia).

CECILIA HATRICK BASON, M.A., *Assistant Professor of Education in Extension Teaching.*
A.B., 1909 (Flora Macdonald); M.A., 1926 (Columbia).

*ROLAND PRINCE MCCLAMROCH, Ph.D., *Assistant Professor of English.*
A.B., 1920, A.M., 1922, Ph.D., 1927 (North Carolina).

RALPH WALTON BOST, Ph.D., *Assistant Professor of Chemistry.*
A.B., 1923 (Newberry); A.M., 1924, Ph.D., 1928 (North Carolina).

* Absent on leave, 1929-1930.

Stephen Albert Emery, Ph.D., *Assistant Professor of Philosophy.*
A.B., 1923, Ph.D., 1928 (Cornell).

Wirth Fitch Ferger, M.A., *Assistant Professor of Economics.*
B.A., 1919, M.A., 1928 (Wisconsin); M.A., 1920 (Columbia).

James Gilbert Evans, M.A., *Assistant Professor of Economics.*
A.B., 1921 (Simpson); M.A., 1924 (Illinois).

Raymond William Adams, Ph.D., *Assistant Professor of English.*
A.B., 1920 (Beloit); A.M., 1921, Ph.D., 1928 (North Carolina).

William Anderson Olsen, A.M., *Assistant Professor of English.*
A.B., 1923 (Cornell); A.M., 1928 (North Carolina).

Nelson Otis Kennedy, Mus.B., *Assistant Professor of Music.*
Mus.B., 1923 (Knox College Conservatory); Mus.B., 1926 (American Conservatory).

*George Ward Fenley, Ph.D., *Assistant Professor of French.*
A.B., 1921, A.M., 1924 (Baylor); Ph.D., 1929 (North Carolina).

Lee Marshall Brooks, Ph.D., *Assistant Professor of Sociology.*
A.B., 1925 (Boston); A.M., 1926, Ph.D., 1929 (North Carolina).

**Louis Booker Wright, Ph.D., *Assistant Professor of English.*
A.B., 1920 (Wofford); A.M., 1924, Ph.D., 1926 (North Carolina).

Richmond Pugh Bond, Ph.D., *Assistant Professor of English.*
A.B., 1920 (Vanderbilt); A.M., 1923, Ph.D., 1929 (Harvard).

Joseph Manson Valentine, Ph.D., *Assistant Professor of Zoölogy.*
B.A., 1923, Ph.D., 1928 (Yale).

Cecil John McHale, B.A. in Library Sc., M.A., *Assistant Professor of Library Administration.*
B.A., 1922 (Carleton); M.A., 1925 (Harvard); B.A. in Library Sc., 1929 (Michigan).

Grace Penn Woodman, *Assistant Professor of Music Education in Extension Teaching.*

Valdie Ephraim Levin, A.M., *Assistant Professor of Economics.*
A.B., 1924 (Kansas); A.M., 1927 (Harvard).

Robert Howard Sherrill, M.A., C.P.A., *Assistant Professor of Accounting.*
S.B.Comm., 1925 (North Carolina); M.A., 1927 (Columbia); C.P.A., 1929, State of North Carolina.

Neil Phillips Bailey, M.S., *Assistant Professor of Mechanical Engineering.*
B.S. in M.E., 1924 (Colorado); M.S. in M.E., 1927 (Idaho).

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* Absent on leave, fall quarter, 1929.
** Absent on leave, winter quarter, 1930

RALPH STEELE BOGGS, Ph.B., *Assistant Professor of Spanish.*
Ph.B., 1926 (Chicago).

JOHN LEROY SMITH, A.M., *Instructor in French.*
A.B., 1917, A.M., 1924 (North Carolina).

STERLING AUBREY STOUDEMIRE, A.M., *Instructor in Spanish.*
A.B., 1923, A.M., 1924 (North Carolina).

THOMAS EWELL WRIGHT, A.M., *Instructor in French.*
A.B., 1922, A.M., 1926 (North Carolina).

MYRON IRVING BARKER, A.M., *Instructor in French.*
B.A.. 1923 (Cornell); A.M., 1927 (North Carolina).

WILLIAM RICHARDSON ABBOT, A.M., *Instructor in English.*
B.A., 1923 (Virginia); A.M., 1924 (Princeton).

WILLIAM CALLIER SALLEY, A.B., *Instructor in Spanish.*
A.B., 1923 (Alabama).

LAURENS EARLE BUSH, S.M., *Instructor in Mathematics.*
B.S., 1919 (The Citadel); S.M., 1926 (North Carolina).

JAMES WILLIS POSEY, A.M., *Instructor in English.*
A.B., 1923 (Texas); A.M., 1927 (North Carolina).

MACK HALL GRIFFIN, Ph.D., *Instructor in Classics.*
A.B., 1924 (Georgia); A.M., 1926, Ph.D., 1929 (North Carolina).

JAMES OSLER BAILEY, A.M., *Instructor in English.*
A.B., 1924, A.M., 1927 (North Carolina).

ROBERTS COZART BULLOCK, A.M., *Instructor in Mathematics.*
A.B., 1926, A.M., 1928 (North Carolina).

*SAMUEL SELDEN, A.B., *Instructor in English.*
A.B., 1922 (Yale).

HILL SHINE, A.M., *Instructor in English.*
A.B., 1921, A.M., 1925 (North Carolina).

KEY LEE BARKLEY, A.M., *Instructor in Psychology.*
A.B., 1926 (Berea); A.M., 1927 (North Carolina).

RUDOLPH SAMUEL MATTHEWS, A.B., *Instructor in German.*
A.B., 1925 (North Carolina).

LORENZO JAMES BELL, JR., A.B., *Instructor in German.*
A.B., 1927 (North Carolina).

ROBERT WHITE LINKER, A.M., *Instructor in French.*
A.B., 1925, A.M., 1928 (North Carolina).

WILLIAM LESTER WILSON, A.M., *Instructor in English.*
A.B., 1921 (Piedmont); A.M., 1928 (North Carolina).

* Absent on leave, 1929-1930.

Henry Nelson DeWick, A.M., *Instructor in Psychology.*
A.B., 1927, A.M., 1928 (Wesleyan).

Ernest Henry Hicks, M.A., *Instructor in Education in Extension Teaching.*
B.S., 1926, M.A., 1927 (George Peabody).

John Erwin Carroll, A.M., *Instructor in Romance Languages.*
B.S., 1923 (The Citadel); A.M., 1928 (North Carolina).

Arthur Russell Hollett, S.B. Civ. Eng'g., *Instructor in Engineering.*
S.B. in Civ. Eng'g., 1928 (North Carolina).

Charles Baskerville Robson, A.M., *Instructor in History.*
A.B., 1919 (Davidson); A.M., 1924 (Princeton).

Raymond Franklin Stainback, S.B. Elec. Eng'g., *Instructor in Electrical Engineering.*
S.B. in Elec. Eng'g., 1926 (North Carolina).

John Ayman Downs, A.B. in Educ., *Instructor in French.*
A.B. in Educ., 1927 (North Carolina).

Rex Shelton Winslow, A.M., *Instructor in Economics.*
A.B., 1923 (Simpson); A.M., 1929 (Illinois).

Elwood Cartelyou Hunter, A.B. in Educ., *Instructor in Education.*
A.B. in Educ., 1929 (North Carolina).

James Jerry Slade, Jr., S.B. in C.E., *Instructor in Engineering.*
S.B. in C.E., 1929 (North Carolina).

Robert Douthat Meade, M.A., *Instructor in History.*
B.A., 1924, M.A., 1926 (Virginia).

William Edward Dodd, Jr., A.B., *Instructor in History.*
A.B., 1928 (Chicago).

Sherman Bisbee Barnes, A.B., *Instructor in History.*
A.B., 1929 (Columbia).

Duron Clough Corbitt, A.M., *Instructor in History.*
A.B., 1923 (Asbury); A.M., 1926 (Emory).

Edward Caleb Coker, A.B., *Instructor in Mathematics.*
A.B., 1928 (North Carolina).

Edward Alexander Cameron, A.M., *Instructor in Mathematics.*
A.B. in Educ., 1928, A.M., 1929 (North Carolina).

Richard George Trott, A.B., *Instructor in Mathematics.*
A.B., 1926 (Marietta).

Alan Mozely, B.Sc., *Instructor in Zoölogy.*
B.Sc., 1928 (Manitoba).

ELMER HALL, *Instructor in English and Technical Director of the Carolina Playmakers.*

AUGUSTUS CAMPBELL JENNINGS, A.B., *Instructor in Spanish.*
A.B., 1929 (North Carolina).

THOMAS BRADLY STROUP, A.M., *Instructor in English.*
A.B., 1926, A.M., 1927 (North Carolina).

HARRY KITSUN RUSSELL, A.M., *Instructor in English.*
A.B., 1923 (Davidson); A.M., 1928 (North Carolina).

HERSHAL L. MACON, M.A., *Instructor in Economics.*
B.S., 1924 (Guilford); M.A., 1925 (Haverford).

AUBREY ALPHONSO PERKINS, S.B. in Comm., *Instructor in Economics.*
S.B. in Comm., 1928 (North Carolina).

EDWIN WEEMS WINKLER, B.S., *Instructor in Engineering.*
B.S. in E.E., 1928 (Montana State).

WILLIAM SUMNER JENKINS, Ph.D., *Instructor in Government.*
A.B., 1924, A.M., 1925, Ph.D., 1927 (North Carolina).

WILLIAM MILTON MCLEOD, *Instructor in History.*
A.B., 1921 (Wofford).

WILL DOCKERY MERRITT, M.S., *Instructor in Engineering.*
S.B. in C.E., 1928 (North Carolina); M.S. in C.E., 1929 (Wisconsin).

LINDA SHUFORD MCINTOSH, A.M., *Instructor in Education in Extension Teaching.*
B.S., 1909 (N. C. College for Women); A.M., 1929.

TEACHING FELLOWS, 1929-1930

ANDREW CLARK MATHEWS, A.B.	Botany
ESMARCH SENN GILREATH, A.M.	Chemistry
HAYWOOD PARKER, JR., A.B.	Chemistry
WILLIAM WALDO WILLIAMS, B.S.	Chemistry
PHILIP MACON CHEEK, A.M.	Classics
JOHN CURTIS HERBERT, JR., B.S.	Economics
DONALD FRASER MARTIN, JR., A.B.	Economics
WILLIAM EARLE DRAKE, A.M.	Education
FRED MERRYFIELD, B.S.	Engineering
BROADUS FLESHMAN FARRAR, A.M.	English
GEORGE FRANK SENSABAUGH, A.B.*	English
HERMAN EVERETT SPIVEY, A.M.	English
IRVING LEE MARTIN, S.M.	Geology
RALPH STOKES COLLINS**	German
EWAN SOMERVILLE CLARK, A.M.	History & Gov't.
ROBERT STEELE FUNDERBURK, A.B.	History & Gov't.
DANIEL JAY WHITENER, A.M.	History & Gov't.

* Requirements for A.M. completed.
** Requirements for A.B. completed.

HARRY LESLIE DILLIN, A.B. ..... Mathematics
ROBERT ELLINGTON MARSHALL, A.B. ..... Mathematics
PAUL EDMONDSON SHEARIN, A.B. in Educ. ... Physics
ABRAM GUSTAVUS BAYROFF, A.M. ..... Psychology
FRANK SHORT HOWELL, A.B., ... Romance Languages
ARCHIBALD KENNETH SHIELDS, A.B. ..... Romance Languages
CECIL GRADY TAYLOR, A.B. in Educ. ..... Romance Languages
JOHN HENRY WILLIAMS, S.M. ..... Sociology
LYLE LYNDON WILLIAMS, A.M. ..... Zoölogy

STUDENT ASSISTANTS, 1929-1930

AUGUSTUS STEELE ROSE ..... Anatomy
WILLIAM FREDERICK KESSLER ..... Botany
ROSCOE HOWARD MORGAN ..... Botany
PAUL HERLIG RHODES ..... Botany
BUD ELMON SMITH ..... Botany
REBECCA WARD, A.B. ..... Botany
ROY FRANK ABERNETHY, S.B. ..... Chemistry
DANIEL JOHNSON BRAWLEY ..... Chemistry
DAVID RAMSAY ERGLE, S.M. ..... Chemistry
JOHN BRYANT GALLENT, S.M. ..... Chemistry
EDWARD EARLE HOFFMAN, A.B. ..... Chemistry
JOHN BRUCE JOYNER, S.B. ..... Chemistry
THOMAS LUTHER KING, S.B. ..... Chemistry
HARVEY ALBERT LJUNG, S.M. ..... Chemistry
CRAWFORD REID MCLELLAN, A.B. ..... Chemistry
SAMUEL MANER MARTIN, S.M. ..... Chemistry
WILLIAM JUDSON MATTOX, A.M. ..... Chemistry
WILLIAM ALVA PERRY ..... Chemistry
JUDSON HAIR SANDERS, S.B. ..... Chemistry
WILLIAM FRANKLIN SMITH, A.B. ..... Chemistry
HARRY GRAY BRAINARD ..... Commerce
RALPH CORDELL GREENE ..... Commerce
LINWOOD PARKER HARRELL ..... Commerce
HARRY OLIVER PARKER ..... Commerce
WILLIAM RUDOLPH CURTIS ..... Economics
SAM STEVENSON MCNEELY, JR. ..... Economics
DAVID HEZEKIAH BRIGGS, A.M. ..... Education
CHARLES MERRITT LEAR ..... Engineering
EDWIN LAWRENCE LOWERY ..... Engineering
RANKIN JONES WHITE ..... Engineering
WILLIAM JEROME WORTMAN ..... Engineering
PAUL GRAHAM BREWSTER, M.A. ..... English
SAMUEL CARROLL EVINS, M.A. ..... English
*VINA MOSTELLER FENLEY, A.M. ..... English

* Absent on leave, fall 1929.

SAMUEL HORACE HODGINS, A.B.	English
GEORGE FREDERICK HORNER, A.M.	English
RICHARD ORR HUNSAKER, A.B.	English
SAMUEL JESSE MCCOY, M.A.	English
CHARLES MORRIS, A.B.	English
ROBERT MARSDEN WALLACE, A.B.	English
DONALD PARKHURST COOKE	Geology
WILLIAM THOMPSON HOLLAND	Geology
THOMAS LINGLE KESLER, S.B.	Geology
WALLACE HAMILTON KURALT	Geology
MARTHA ELIZABETH NORBURN	Geology
ERWIN RALPH SCOTT	Geology
JOHN HUSKE ANDERSON	Law
WALTER HOYLE	Law
HENRY BRYCE PARKER	Law
ALLEN KENDRICK SMITH	Law
HARRY EUGENE BOLEN	Pharmacy
THOMAS ANTHONY LIBBUS	Pharmacy
LEONARD ERASTUS REAVES	Pharmacy
CHARLES BION SEARS	Pharmacy
KARL ZIEGLER MORGAN, A.B.	Physics
HENRY HERMAN ZURBURG	Physics
GRAHAM BENNETT DIMMICK, A.M.	Psychology
ARTHUR ST. CLAIR SLOAN, A.M.	Romance Languages
JOHN ARCHIE THOMPSON, A.B.	Romance Languages

FACULTY COMMITTEES

The President is a member *ex officio* of all committees.

ADVISORY *(elected)*. Professors Bell, Braune, Carroll, Coker, W. C., Connor, Graham, *Hobbs, A. W., MacNider, Royster, Wilson, L. R.

EXECUTIVE *(elected)*. Professors Prouty, Chairman, Harrer, Knight, Mackie, Mangum, Van Hecke.

ATHLETICS. Professors Hobbs, A. W., Chairman, Baity, Connor.

CHAPEL. Mr. Bradshaw, Chairman, Professors Bernard, Carroll, Graham, House, Mangum, Meyer, Mr. Comer.

CO-OPERATION WITH THE ALUMNI. Professors Bernard, Bradshaw, Coates, Connor, Graham, Wilson, L. R.

DEBATES. Professors Bernard, Coates, Jones, McKie, Williams.

DRAMATICS. Professors Koch, Chairman, Dyer, Howe, McKie, Wheeler.

* Substitute 1929-1930 for Professor Royster, absent on leave.

English Composition. Professors Thrall, Chairman, Adams, Bagby, Bell, Farrar, Ferger, McCormick, MacMillan, Pierson, Sanders, W. B., Swartz, Totten.

Entrance Requirements. Professors Walker, Chairman, Caldwell, Carroll, Coker, R. E., Harrer, Jones, Knight, Mosher, Wilson, T. J.

Foreign Study. Professors Dey, Chairman, Bell, Foerster, Harrer, Leavitt, Pierson, Mr. Grumman.

Fraternities. Professors Dey, Chairman, Bernard, Bradshaw, Lyons, Royster, Wilson, T. J.

Grounds and Buildings. Professors Coker, W. C., Chairman, Booker, Braune, MacNider, Odum, Wheeler, Mr. Woollen.

Health and Sanitation. Doctor Abernethy, Chairman, Professors Braune, Bullitt, Saville, Mr. Woollen.

Library Book Committee. Professors Wilson, L. R., Chairman, Bernard, Coker, W. C., Dey, Jones, MacNider, Murchison, Pierson.

Library Budget. The Librarian, the Deans of the College, the Schools of Applied Science, Commerce, Engineering, Education, and the Graduate School, the President.

McNair Lectures. Professors Williams, Chairman, Bell, Harrer, Henderson, MacNider.

Musical and Dramatic Activities. Professors Hibbard, Chairman, Dyer, Howe, Jones, Koch, Wilson, L. R.

Public Lectures. Professors Hibbard, Chairman, Coker, W. C., Foerster, Henderson, MacNider.

Public Occasions and Celebrations. Professors Connor, Hamilton, Henderson, Howe, Knight, Mangum, Wheeler, Mr. Woollen.

Regulation of Student Dances. Professors Bernard, Chairman, Coker, R. E., Dey.

Student Life and Activities. Mr. Bradshaw, Chairman, Professors Bernard, Booker, Dyer, Hibbard, Meyer.

Student Mortality. Professors Trabue, Chairman, Bradshaw, Dashiell, Hibbard, Jordan, Lasley, Royster, Wilson, T. J.

Travel Study in America. Professors Bell, Chairman, Murchison, Potter, Prouty.

University Sermons. Professors Toy, Chairman, Cobb, Knight, Odum, Wheeler.

Weil Lectures. Professors Odum, Chairman, Connor, Murchison, Wilson, L. R.

PART TWO—GENERAL INFORMATION

THE UNIVERSITY
GROUNDS AND BUILDINGS
LIBRARY
THE UNIVERSITY PRESS
ADMISSION
EXPENSES
PECUNIARY AID
MEDALS AND PRIZES
REGULATIONS
STUDENT GOVERNMENT
PUBLIC LECTURES
UNIVERSITY ORGANIZATIONS
THE ASSOCIATION OF THE ALUMNI

THE UNIVERSITY

FOUNDATION AND GOVERNMENT

The University was established in obedience to the first Constitution of the State, which was adopted in December, 1776. A clause of section XLI declared that "all useful learning shall be duly encouraged and promoted in one or more universities." The charter was granted by the General Assembly in 1789, the cornerstone of the Old East Building was laid in 1793, and the University was opened in 1795.

The title, preamble, and first section of the Act of Incorporation are as follows:

"AN ACT TO ESTABLISH A UNIVERSITY IN THIS STATE"

"WHEREAS in all well regulated Governments, it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education: And whereas an University supported by permanent Funds, and well endowed, would have the most direct Tendency to answer the above Purpose:

"I. *Be it therefore enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the Authority of the Same, That, Samuel Johnson, James Iredell, Charles Johnson, Hugh Williamson, Stephen Cabarrus, Richard Dobbs Spaight, William Blount, Benjamin Williams, John Sitgreaves, Frederick Harget, Robert Snead, Archibald Maclaine,* Honourable *Samuel Ashe, Robert Dixon, Benjamin Smith,* Honourable *Samuel Spencer, John Hay, James Hogg, Henry William Harrington, William Barry Grove,* Reverend *Samuel*

McCorkle, Adlai Osborne, John Stokes, John Hamilton, Joseph Graham, Honourable *John Williams, Thomas Person, Alfred Moore, Alexander Mebane, Joel Lane, Willie Jones, Benjamin Hawkins, John Haywood,* senior, *John Macon, William Richardson Davie, Joseph Dixon, William Lenoir, Joseph M'Dowell, James Holland* and *William Porter, Esquires,* shall be and they are hereby declared to be a body politic and corporate to be known and distinguished by the name of *The Trustees of the University of North Carolina** and by that name shall have perpetual Succession and a common Seal; and that they, the Trustees and their Successors, by the Name aforesaid, or a Majority of them, shall be able and capable in Law to take, demand, receive and possess all Monies, Goods and Chattels that shall be given them for the Use of the said University and the same apply according to the Will of the Donors, and by Gift, Purchase or Devise to take, have, receive, possess, enjoy and retain to them and their Successors forever, any Lands, Rents, Tenements and Hereditaments, of what Kind, Nature or Quality soever the same may be, in special Trust and Confidence that the same or Profits thereof shall be applied to and for the Use and Purpose of establishing the said University."†

The University is governed by a board of trustees elected by the Legislature and is free from sectionalism, sectarian or political control. The Governor of the State is *ex officio* President of Board of Trustees.

Article IV of the Constitution of 1876 contains the following provisions regarding the University:

"Sec. 6. The general Assembly shall have power to provide for the election of Trustees of the University of North Carolina, in whom, when chosen, shall be vested all the privileges, rights, franchise, and endowments thereof, in any wise granted to or conferred upon the Trustees of said University; and the General Assembly may make such provisions, laws, and regulations from time to time as may be necessary and expedient for the maintenance and management of said University.

"Sec. 7. The General Assembly shall provide that the benefits of the University, as far as practicable, be extended to the youth of the State free of expense for tuition; also all the property which has heretofore accrued to the State, or shall hereafter accrue, from escheats, unclaimed dividends, or distributive shares of the estates of deceased persons, shall be appropriated to the use of the University."

SITUATION AND GENERAL ADVANTAGES

The University is situated at Chapel Hill, twelve miles from Durham and thirty miles from Raleigh. It may be reached by rail from University Junction, or by an automobile line which maintains a regular schedule from Durham. The site of the University is on a promontory of granite, belonging to the Laurentian system, about three hundred feet above the sandstone formation to the east that was once the bed of a great body of water. It is near the center of the State, midway between the mountains and the sea, with sufficient elevation to insure healthful and pleasant working conditions. On this promontory the great roads from

* The corporate name has been changed to The University of North Carolina.
† Laws of the State of North Carolina, published by James Iredell, Edenton, 1791.

Petersburg to Pittsboro and from New Bern to Greensboro crossed. At the crossing was a chapel of the Church of England, giving to the eminence its name, New Hope Chapel. The name "Chapel Hill" occurs in the report of the Trustees, November, 1792, on the choice of a site, and a contemporary account describes the site as follows:

"The seat of the University is on the summit of a very high ridge. . . . The ridge appears to commence about half a mile directly east of the building, where it rises abruptly several hundred feet. This peak is called Point Prospect. The flat country spreads out below like the ocean, giving an immense hemisphere in which the eye seems lost in the extent of space."

The University owns, contiguous to the campus of one hundred and six acres, five hundred acres of forest lands, partly laid off in walks and drives. The present buildings of the University, forty-six in number, range in age from the Old East dating from 1793 to the University Library which was put in service in the summer of 1929. A model central power plant provides heat, water and electric lights for all the buildings. The infirmary is a modern building completely equipped and under the direction of the University Physician. Records prove that health conditions at the University are excellent.

NEW BUILDING PROGRAM

The appropriations for permanent improvements made by the General Assemblies of 1921, 1923, 1925, and 1927 have made it possible to begin work on the development of the South Campus. There are now completed eight new dormitories capable of housing nine hundred and sixty students, a large building for the Departments of History and Social Sciences, a similar building for the Language Departments, and a handsome building for the School of Law. A commodious building, one hundred ten by three hundred ten feet for indoor athletics, has recently been completed. The Venable Hall of Chemistry for the Department of Chemistry and the Woman's Building were put in service in the summer and fall of 1925. The South Building has been thoroughly renovated and given over to the administrative officers for offices and to the University Extension Division for its work. The New East has been entirely renovated and is occupied by the Department of Geology and the Philanthropic Assembly. Similarly the New West Building after complete renovation is now occupied by the Department of Psychology and the Dialectic Senate. The new Bingham Hall went into use last session in the service of the School of Commerce. The magnificent new Library was occupied during the summer of 1929.

ORGANIZATION AND DEGREES

The University is organized into a College of Liberal Arts and seven Schools, which have jurisdiction over degrees as shown below. The College of Liberal Arts: Bachelor of Arts, Bachelor of Arts in Journalism, and Bachelor of Arts in Music, and jointly with the School of Law, Bachelor of Arts and Laws; the School of Applied Science: Bachelor of Science in Chemistry, in Geology, jointly with the School of Medicine, in Medicine, and jointly with the School of Pharmacy, in Pharmacy; the School of Education: Bachelor of Arts in Education, and Bachelor of Arts in Education (Elementary); the School of Commerce: Bachelor of Science in Commerce, and jointly with the School of Law, Bachelor of Science in Commerce and Laws; the School of Engineering: Bachelor of Science in Electrical Engineering, in Civil Engineering, in Chemical Engineering, and in Mechanical Engineering; the Graduate School: Master of Arts, Master of Science, and Doctor of Philosophy; the School of Law: Bachelor of Laws, Doctor of Law, Bachelor of Arts and Laws (jointly with the College of Liberal Arts), and jointly with the School of Commerce, Bachelor of Science in Commerce and Laws; the School of Medicine: Bachelor of Science in Medicine (jointly with the School of Applied Science); the School of Pharmacy: Graduate in Pharmacy and Bachelor of Science in Pharmacy (jointly with the School of Applied Science).

The School of Public Welfare offers courses of professional training for social work and community leadership.

In the Summer session are offered many courses for which regular University credit is allowed, including special courses (particularly in elementary education) designed primarily for the teachers of the State. Practically all the work offered is of collegiate grade and may be counted towards some degree from the University.

There is also a Division of Extension through which the services of the University Faculty and certain material equipment of the University are made available to the people of the State generally.

The University Faculty and Administrative Boards are organized under the plans shown below.

REGULATIONS CONCERNING ADMINISTRATIVE BOARDS AND FACULTIES OTHER THAN THE GENERAL FACULTY

A General Faculty minute of March, 1920, reads as follows:

"In view of the expansion of the University involving the settlement of many questions of interest to special groups of the Faculty rather than to the Faculty as a whole, the Advisory Committee presented through the President as Chairman a report providing (1) for separate schools or faculties of the University to have final authority in matters pertaining solely to these schools, such as curriculum, courses of instruction, etc., etc., and (2) for an Administrative

Board for each Faculty, to be appointed by the Dean of the Faculty, the function of which is to carry out the will of the Faculty concerned, to study the needs of the School, and to make plans for its growth. These proposals of the Advisory Committee were adopted.''

Subsequent developments in the University and in its several schools have led to practices and procedures which do not adhere strictly to the letter of the minute above. After a full investigation the Advisory Committee and the Administrative Officers of the University have recommended to the General Faculty the regulations shown below, which are designed to make effective the original legislation creating separate Faculties and Administrative Boards, and to stabilize procedure. These regulations were formally adopted and are now in effect.

1. Special Faculties. The Special Faculty of each of the schools of Law, Medicine, Pharmacy, Engineering, and of the Graduate School shall consist of the special staff of the School above the rank of Instructor; *provided* that in addition each University Department giving courses for degree credit in a school shall be entitled to one representative on the Special Faculty of that School, and the Department Head concerned shall have power to name the departmental representative.

2. The Undergraduate Faculty. There is hereby created an Undergraduate Faculty which shall include all members of the General Academic Faculty above the rank of Instructor who give courses for degree credit in the College of Liberal Arts and in the Schools of Applied Science, Education, and Commerce, and in such other undergraduate schools as may hereafter be established. University Administrative Officers having rank in the General Faculty shall have the same rank in the Undergraduate Faculty.

3. The Special Faculties and the Undergraduate Faculty shall have the jurisdictions, powers, and duties as set forth for Separate Faculties in the minute of March, 1920, except as modified herein; *provided* that nothing in the regulations concerning Separate Faculties shall preclude the right of appeal to the General Faculty.

4. Special Faculties shall meet on the call of their several Deans, and each Special Faculty shall be presided over by its Dean. The Executive Secretary of the University shall issue a call for a meeting of the Undergraduate Faculty at the request of any Undergraduate Dean, and the Dean of the College of Liberal Arts shall preside over the meetings of the Undergraduate Faculty; *provided* that each Separate Faculty shall meet at least once each quarter (or term), and that the regular meeting of the Undergraduate Faculty each quarter shall be set by the Undergraduate Deans in conference.

5. Administrative Boards shall have the following status, powers, and duties:

(a) Appointment to an Administrative Board shall be by the President on nomination of the Dean of the School concerned. The Administrative Board shall meet on call of its Dean; but it must meet at least once each quarter (or term).

(b) The majority of the membership of an Administrative Board of any school shall consist of members of the Special Staff in the case of a Special School, and of the Undergraduate Faculty in the case of an Undergraduate School; but at least one member of each Administrative Board shall be chosen from the General Faculty not included in the Separate Faculty concerned; and the President or his representative, the Registrar, and the Dean of Students shall be *ex officio* non-voting members of all Administrative Boards.

(c) To act on all petitions from students relating to such questions as substitutions for required courses and extra course privileges and such other routine matters as are referred to it by the Dean or by any department head.

(d) To consider and pass finally upon such new courses as may be offered by departments presenting instruction within the schools.

(e) To recommend to the General Faculty or to the President any administrative matters affecting the entire University which appear to need attention.

(f) To take such steps as seem wise to promote more efficient instruction; and to initiate new programmes and curricula. carrying these and other matters of policy for decision, when they arise in the "special" schools to their "special" faculties, and when they arise in the undergraduate schools to the Undergraduate Faculty or to the department concerned when the matter is purely departmental.

(g) Nothing in the above regulations shall preclude the right of appeal to the General Faculty.

THE GENERAL FACULTY OF THE UNIVERSITY

By action of the Trustees of the University the General Faculty includes all members of the University's teaching force above the rank of Instructor and all general administrative officers of the institution. In the President and the General Faculty is vested final authority (under the Trustees) over all matters of University policy and activity.

THE COLLEGE YEAR

The college year is divided into fall, winter, and spring quarters of approximately twelve weeks each, and a summer session divided into two terms of about six weeks each. There is a Thanksgiving recess of three days, a Christmas recess of approximately two weeks, and a spring recess of about six days.

RELIGIOUS INFLUENCES

Through the coöperation of all concerned, religious influences of unusually effective character surround the University student. Chapel exercises, conducted in turn by the ministers of the town, are held in Memorial Hall every week-day morning, except Saturday, at ten-thirty o'clock. The Young Men's Christian Association, to which the University makes annual contributions, is of great value in the life of the campus. Its Bible Study classes enroll each year a large proportion of the student body; its regular religious services, its individual contacts, and its participation in the general University program of student welfare, are among the activities that make it an indispensable part of the University organization.

The larger denominations of the State have erected at Chapel Hill modern and adequate church plants. Within the past few years Presbyterians, Baptists, Episcopalians, and Methodists have rebuilt on a large scale. The Chapel Hill churches are manned by an effective and coöperative group of pastors, are all located in close proximity to the campus, and play a very large and genuine part in the life of the University.

DISCIPLINE

The University endeavors to make young men manly and self-reliant, and to develop character by educating the conscience. The Faculty may, at their discretion, admonish, suspend, or dismiss students for neglect of duty, or for misconduct.

PHYSICAL TRAINING

Hearty encouragement is given to athletic sports and to all kinds of physical culture. The Emerson Athletic Field, the gift of Mr. Isaac Emerson, of Baltimore, furnishes ample facilities for football and baseball, and the track is admirably adapted for running and general track athletics. Two new fields for general athletic purposes have been completed recently and put into use. These fields lie directly to the east of Emerson Field and serve the Freshmen teams and other class teams and for intra-mural athletics of various kinds. More than fifty tennis courts are located on the campus. The Kenan Memorial Stadium, given by William Rand Kenan, '94, has been completed. This stadium seating more than 24,000 together with a commodious field house, also the gift of Mr. Kenan, was put into service in the fall of 1927.

In addition to inter-collegiate athletics the University fosters an unusually extensive program of intra-mural sports, involving over half the undergraduates in a wide variety of games. There are contests in basketball, tag-football, indoor and outdoor baseball, tennis, soccer, quoits, rifleshooting, boxing, wrestling, fencing, and

track. Intra-mural teams offer every interested student opportunity for participation in some interesting and healthful form of competition with his fellows, for learning team work and good sportsmanship.

Exercise is required three hours a week of all Freshmen, unless excused. In the fall a thorough physical examination of each Freshman is made, and the heart, the lungs, the eyes, and the ears are tested, in order that students defective in physical development may be given special work under the personal supervision of the Director. Round shoulders, flat chests, curvature of the spinal column, hernia, and mild cases of congenital paralysis are thus often greatly benefited and sometimes completely corrected.

MEDICAL ATTENTION

In order to secure responsible and efficient medical advice and to provide proper attention for the student during sickness, the University employs a practising physician and maintains a well appointed Infirmary. The Infirmary is equipped with all necessary conveniences and comforts, is under the immediate supervision of the University Physician, and is provided with two experienced nurses. At the discretion of the University Physician a student may be admitted to its wards, and for such services as may be rendered by the staff no charges are made. But should any additional service (consultation, special nurses, operations requiring the attendance of a trained surgeon), recommended by the attending physician and approved by the parent or guardian, be necessary, the student will be required to pay for such services.

GROUNDS AND BUILDINGS

The University campus contains one hundred and six acres of land, affording ample grounds for building and for all sorts of athletic sports. The University owns, contiguous to the campus, five hundred acres of forest lands, which are partly laid off in walks and drives. The University has forty-six buildings.

Dates in parentheses indicate when the buildings were erected.

The Old East Building (1793) contains thirty-nine living rooms.

Person Hall (1795) is used temporarily by the Department of Music.

The South Building (1798) has been renovated and converted into an office building for the administrative officers of the institution. It furnishes quarters also for the University Extension Division.

Gerrard Hall (1822) is used for lectures and student assemblies.

The Old West Building (1822) contains thirty-nine living rooms.

Smith Hall (1849) contains the theatre and workshop of the Carolina Playmakers.

The New East Building (1857) contains the Philanthropic Literary Society's Hall, the Geological Laboratories and Museum, lecture rooms, and conference rooms for the Department of Geology.

The New West Building (1857) has been renovated and contains the Dialectic Literary Society's Hall and lecture and laboratory and conference rooms for the Department of Psychology.

Memorial Hall (1883) commemorates the illustrious dead of the University. It is used for chapel exercises, for Commencement, and for other public exercises.

Alumni Hall (1898) provides accommodations for the School of Public Welfare, the Department of Philosophy, the University Press, and the student publications.

The Carr Dormitory (1901) contains thirty-two living rooms.

The Smith Dormitory (1901) contains living rooms, and club and dining rooms for fifty-one male graduate students.

The William Preston Bynum, Jr., Gymnasium (1904) is furnished with modern apparatus, swimming pool, baths, and running track; and contains a trophy room and the office of the Director.

The Young Men's Christian Association Building (1904) is a valuable adjunct to the work of the Association.

Pharmacy Hall (1905) contains the laboratories, lecture rooms, library, and offices of the School of Pharmacy.

The Library (1907) is to be used by the Department of Music. It is being renovated, remodeled, and enlarged by the addition of a

wing, which will provide an auditorium suitable for recitals, concerts, etc.

The Infirmary (1907) is completely equipped for service to the students of the University.

Davie Hall (1908) contains the laboratories, lecture rooms, library, and offices of the Departments of Botany and Zoölogy.

Caldwell Hall (1911) contains the laboratories, lecture rooms, library, and offices of the School of Medicine.

The Peabody Building (1912) contains the lecture rooms, library, laboratories, and offices of the School of Education.

The Battle-Vance-Pettigrew Dormitories (1912) contain twenty-four living rooms each.

Swain Hall (1913) contains a dining hall with a seating capacity of six hundred, kitchens, bakery, and a cold storage plant.

Phillips Hall (1918) contains the laboratories, lecture rooms, library, and offices of the School of Engineering and of the Departments of Mathematics and Physics.

The Steele Dormitory (1920) contains thirty-six living rooms.

The Mangum Dormitory (1921) contains sixty living rooms.

The Grimes Dormitory (1921) contains sixty living rooms.

The Ruffin Dormitory (1921) contains sixty living rooms.

Saunders Hall (1922) contains the lecture rooms and conference rooms of the Department of History and Government, of the Department of German, and partly of the Departments of English and Romance Languages.

Murphey Hall (1922) contains the lecture rooms, seminar rooms and offices of the Departments of English, the Classics, and the Romance Languages.

Manning Hall (1923) contains the lecture rooms, library, reading rooms, and offices of the School of Law.

The Aycock Dormitory (1924) contains sixty living rooms.

The Graham Dormitory (1924) contains sixty living rooms.

The Lewis Dormitory (1924) contains sixty living rooms

Spencer Hall (1924) contains living rooms, parlors, and dining hall for young women in attendance at the University.

Venable Hall of Chemistry (1924) contains the laboratories, lecture rooms, library, museum, and offices of the Department of Chemistry.

The Everett Dormitory (1928) contains sixty living rooms.

Bingham Hall (1928) contains the laboratories, lecture rooms, library, and offices of the School of Commerce.

The University Library (1928) contains the offices, stack rooms, seminar rooms, and reading rooms of the main library.

Besides the buildings named above the University owns a number of service and residence buildings.

The Geological Laboratories

The New East Building, in part of which the Department of Geology was formerly housed, was completely remodeled during the year 1926 and now affords one of the best geological laboratories in the country. The entire building, with the exception of a portion of the fourth floor which is occupied by the Philanthropic Society Hall, now consists of laboratory and class rooms.

On the ground floor there is a museum where are exhibited type specimens of rocks, minerals, and fossils, together with numerous relief maps, models, etc., of local and general interest. There is also on this floor a large lecture room seating ninety-three, and an especially constructed precision laboratory where delicate operations requiring total freedom from vibration can be carried on. On the upper floors are located several smaller classrooms, special laboratories for general geology, historical geology, paleontology, mineralogy, crystallography, economic geology, petrography and petrology, geography, soils, and geophysics, each subject having special equipment and separate laboratory rooms.

The departmental library contains a large number of works relating to geology, geography, mineralogy, and allied subjects, numerous separates, bound and current volumes of the more important geological and geographical magazines, and many reports, monographs, and the like issued by state and national surveys, and learned societies.

All the laboratories are fitted with the necessary apparatus and supplies, and a large room especially equipped for the purpose has been set aside for research in problems which require unusual laboratory facilities.

The Chemical Laboratories

In the fall of 1925 the department of Chemistry took up its work in Venable Hall of Chemistry, named in honor of Dr. Francis Preston Venable. The building is about 200 feet square, and covers nearly an acre. The front of the building, three stories high, contains library, five classrooms, general office, museum, and laboratories of physical and electro chemistry. The south wing, two stories high contains 38 small rooms for staff-offices and private laboratories, thus providing each member of the staff and each graduate student with an individual laboratory. The court within the arms of these two sections contains a one-story structure, with factory, sawtooth roof, and has twelve large laboratories for general chemistry, analytical chemistry, organic chemistry and a storeroom. Industrial chemistry is provided with a room of about 1,600 square feet area and 25 feet high. It has a traveling crane overhead to lift and move about apparatus of semi-commercial size. Adjoining this room are four small rooms for control work, a dark

room, a transformer room, and rooms for the control of the ventilating system. At each desk in the laboratories are outlets for gas, air, steam, water, and electric power, and an opening into the exhaust ventilating ducts. A large lecture room, seating 256, is lighted from above and has special ventilation.

The laboratories are well equipped with apparatus for the regular courses and for research work of instructors and students, and the library contains a most excellent collection of books and journals which are indispensable in research work.

The Biological Laboratories

The biological building, Davie Hall, is occupied by the departments of Zoölogy and Botany. It consists of a main building, facing south, on the north side of which has been added a wing, facing east and west, of about the same size as the main building. The bulk of the main building is occupied by Zoölogy; the wing is occupied by Botany. The building lies to the east of the New East and adjoins the Arboretum. It is faced throughout with light brick.

The main building has a frontage of 125 feet; the depth is 44 feet in the middle section and 38 feet at the ends. A basement underlies the whole, above which are two complete floors, with a third floor over the middle section. The entrance hall, on the first floor, lighted with large windows on each side of the doorway, serves as a museum exhibition room for the display of zoölogical specimens and dissections. The west end of this floor is occupied by a lecture room for the two departments with a seating capacity of one hundred and twenty, the east end by a laboratory for general zoölogy. Each of these rooms has windows, twenty-four, on three sides. The laboratory will accommodate forty students.

On the second floor of the main building the east end is occupied by a single large laboratory, 40 by 35 feet, for anatomical work (comparative anatomy, embryology, histology) in zoölogy. It is lighted on three sides with twenty windows and is designed for that number of students. The west end of this floor has been subdivided. It includes a large laboratory for zoölogical research, a small laboratory for hydrobiology, and two professors' rooms. The middle section of this floor includes the zoölogical library and store rooms. On the third floor is a professor's room and a photographic studio with skylights and large north windows. In the middle section of the basement is a room for microphotography with adjoining dark rooms, also janitor's room, and rooms for the storage of heavy supplies. The east end of the basement is used by the Department of Botany for purposes connected with the Arboretum, the west end by the Department of Zoölogy for the keeping of live animals.

The Botanical Wing of Davie Hall is a fireproof building, 39 feet wide by 80 feet long, with three full floors and an attic. The

first floor contains a museum for botanical specimens, potted plants, etc., a professor's laboratory, and a large laboratory lighted on three sides by twenty windows and designed to seat twenty students. This is especially for the teaching of pharmaceutical and economic botany.

The second floor has one large laboratory lighted by twenty-four windows and providing for the same number of students. General and systematic botany are taught in this room. On this floor there is also a large herbarium for the preservation of dried plants and a storeroom.

The third floor is given up mainly to advanced students and research work, chiefly in fungi. There is one laboratory on the north end lighted on three sides and providing for sixteen students. There are also two private laboratories for professors, the botanical library, and a seminar room, as well as small storerooms, etc.

Important adjuncts to the botanical department are the Arboretum. drug garden, greenhouse, and propagating grounds. The first occupies a five-acre tract lying immediately adjoining the Botanical Wing. It is laid off in the naturalistic style and at present contains about 400 species of native and exotic plants grouped in such a way as to illustrate their use in ornamental design and planting. All of these plants are of course available for students in the study of botany and are much used in routine work. A considerable area on the south side of the Arboretum has been developed into a drug garden, and here over one hundred and twenty-five other plants (mostly medicinal and old-fashioned pot-herbs) have been grouped and made available for study by students in botany, especially students in the schools of Pharmacy and Medicine.

The greenhouse has recently been added. It is a commercial range 15 feet wide by 80 feet long and is of great help to the department in making available at all times plants for instruction and research. The propagating grounds, immediately adjoining the greenhouse, cover an area of about three acres. Here are raised at little cost most of the ornamental trees and shrubs that are used around the University buildings and on the campus. This area is also used for testing the hardiness and general usefulness of newly introduced species from other countries.

The Medical Laboratories

The medical building, Caldwell Hall, was completed and opened for service in 1912. It is located on the south side of Cameron Avenue opposite Davie Hall.

The main building is 117 x 64 feet and adjoining it on the south side is a wing 63 x 36 feet, each including a basement and two floors. The first floor of the main building is bisected by a hall fourteen feet wide from north to south and a corridor 8 feet wide

from east to west. The floor space is therefore subdivided into four equal parts. Each part is subdivided into one large laboratory 34 x 27 feet and two smaller laboratories, 12 x 14 feet. The second floor is practically a duplicate of the first floor. Each of the large laboratories is equipped for forty students and those on the north side are used for all microscopic work and those on the south side for experimental physiology, experimental pharmacology, and physiological chemistry. The smaller laboratories are used as private laboratories for the instructors.

On the first floor of the wing are the lecture room, which has a seating capacity of about seventy-five, and the departmental library; on the second floor are the dissecting hall and private rooms of the instructors in anatomy.

In the basement provision is made for the care of animals and the storage of supplies. The rooms are well lighted, heated, and ventilated and provided with conveniences for proper sanitation. The laboratories are unusually well lighted and equipped with the essentials for efficient work by students and instructors.

The departmental library contains approximately 1,200 bound volumes of the best journals covering the subjects of the first two years of the medical course, most of them in complete sets, and a large number of books on clinical subjects presented by friends of the school, among them the private libraries of some of the most eminent physicians in the State, Dr. T. F. Wood, of Wilmington; Dr. P. E. Hines, of Raleigh; Dr. H. S. Bahnson, of Winston-Salem; Dr. J. E. Ray, of Raleigh.

The Pharmaceutical Laboratories

Pharmacy Hall, used exclusively for pharmaceutical instruction, is a three story brick structure containing thirty-five rooms with a total floor space of 22,000 sq. ft. Adjoining the Arboretum, the drug garden, the botany building; located within convenient reach of the buildings for chemistry, medicine, and administration; well ventilated, lighted, heated, and equipped, Pharmacy Hall is admirably adapted to its purposes.

The ground floor contains a lecture room and four laboratories for manufacturing pharmacy, three apparatus and stock-rooms for all courses, machine room for industrial pharmacy, a pharmacological laboratory, toilets, etc.

The main floor is made up of the library containing several thousand books and bound journals, the museum which is well stocked with exhibits, illustrating drugs, chemicals, and processes, laboratories for pharmaceutical chemistry, offices and private laboratories for the teaching staff, an auditorium, the scale room, and two research rooms.

The upper floor contains a materia medica museum and lecture room, three laboratories for dispensing, toxicology, general pharmacy, and medical pharmacy, three stock rooms, a research laboratory, and an office.

The Physical Laboratories

The Physical Laboratories occupy two floors in the west end and the west wing of Phillips Hall. There are three large laboratories for general physics, two laboratories for advanced work, research laboratories, two photographic dark rooms, and two large apparatus rooms. One of these adjoins the large lecture room, which has a seating capacity of three hundred, and a smaller lecture room seating seventy. The general laboratories are large enough to accommodate more than sixty students at one time and are equipped with a view to accomplishing the maximum amount of laboratory work in the minimum time. All laboratories and lecture rooms are supplied with gas, running water, compressed air, and electric power. A well-equipped workshop has recently been installed.

The following electrical power resources are available: 3-phase alternating current at 110 volts, or 220 volts; a 12 volt set with capacity of 500 amperes; a 12 volt set with capacity of 14 amperes, and a 110 volt circuit.

A three-panel slate switchboard distributes direct and alternating current power by means of a plug and socket system to sub-panels located in all lecture rooms and laboratories. Seven wires run from the switchboard to each of the sub-panels, giving a very flexible system of power distribution.

The advanced laboratories are equipped with special apparatus making it possible to pursue advanced work in physics, especially along the line of optics, conduction of electricity through gases, X-rays, and the electron theory.

The department has added recently many special pieces of apparatus among which may be found a Gaertner Quartz Spectrograph for the ultra-violet, a Gaertner Spectrograph of the constant deviation type for the visible spectrum, a Hilger Infra-red Spectrometer, a large Hilger Quartz Spectrograph, Coblentz Thermopiles, a Queen-Gray large type potentiometer, galvanometers varying in sensitivity from 2,000 to 10,000 megohms, standard resistances varying from 1 ohm to 1 megohm, a Kelvin Selfcontained Double Bridge, a standard variable capacitance, standard inductances, wave-meter, etc.

The department has funds available for buying special equipment for advanced students. In addition there are specific University funds available for research.

The department library located on the third floor of the Phillips Hall has on file the complete sets and the current numbers of nearly all of the standard American, English, French, and German journals of physics.

The Psychological Laboratories

The New West Building has been completely remodeled; and, with the exception of a portion of the third floor reserved for the Dialectic Literary Society, which has been housed in the building for many years, it has been rebuilt throughout to answer the needs of the Department of Psychology.

On the first floor are located a lecture room, a class room, a large class laboratory, two seminar rooms, and private offices.

On the second floor are arranged a library, a class room fitted with tables, a large class laboratory, three rooms for clinical examinations, an apparatus and supply room, a shop, and a private office.

Space on the third floor is planned especially for research, the two ends of the building making room for several small private rooms and an animal room, and a mezzanine room being specially built for a dark room.

The building is piped throughout for water and for gas; and electric supplies of both alternating and direct current in low and high wattages are made available at numerous outlets in the different laboratories.

The technical equipment is practically complete. It includes sufficient duplication of apparatus for the experimental work in the various undergraduate courses, a fairly complete stock of standard apparatus for training in experimental methods, and sufficient apparatus and funds for the prosecution of research along most of the recognized psychological lines.

The departmental library includes all the technical journals published in English and a few in other languages. The supply of books is fairly complete.

The Engineering Laboratories

A marked characteristic of this School is its well equipped laboratories which are housed in Phillips Hall and include the facilities of Venable Hall.

Laboratory instruction is recognized as an important element of an engineering education, and with the excellent laboratory facilities the students study the fundamental laws of engineering.

The following descriptions indicate the major equipment of the engineering laboratories.

Materials Testing Laboratory

The materials testing laboratory is equipped with a 100,000-pound Riehlé Universal testing machine and a 200,000-pound Olsen machine, both of which are used in tensile, compressive, and transverse tests of all important structural materials. Special features of these machines make possible the testing of long columns and beams and the cold bend test of metals.

Numerous smaller pieces of apparatus are provided for studying the elastic properties of materials; annealing and tempering of metals; fire resistance of stone and clay products; hardness of materials; shearing strength of timber; etc.

A complete set of apparatus for making all the standard tests of cement, and miscellaneous equipment for routine tests or research work on sand, coarse aggregate, mortar, and concrete, is in use.

Civil Engineering Laboratories

The highway engineering laboratory is equipped with apparatus for the standard tests of bituminous and non-bituminous road materials, consisting in part as follows: Engler viscosimeter, penetrometer, ring and ball melting-point apparatus, open cup oil tester, New York Board of Health oil tester, Hubbard-Carmick specific gravity flask, hydrometers, float testing apparatus, constant temperature and drying oven, ductility machine, Dulin rotarex, Deval 4-cylinder abrasion machine, diamond core drill, diamond saw, grinding lap, Page impact, ball mill, briquette former, cementation machine, etc.

The hydraulic laboratory occupies a separate building adjacent to Phillips Hall. It is equipped with apparatus to show the phenomena of flow of water in pipes, including hydraulic gradient, friction loss, venturi effects, pitometer traverses, etc. Large orifice and weir tanks provide opportunity for experiments on the discharge of water through these measuring devices. Facilities are also available for experiments on friction loss and discharge through hydrants, pipe lines and nozzles, the testing of meters, the determination of total pressures on submerged areas, etc. Measuring tanks are provided of sufficient capacity to make practical demonstrations of hydraulic phenomena occurring in practice and to permit of research on hydraulic problems.

A model gauging station of the standard type of the U. S. Geological Survey has been installed on Morgan's Creek, the source of the University water supply. This is equipped with an Au water-stage register. Students are given practical experience in stream gaging, and a part of the laboratory instruction includes also the making of meteorological observations at the U. S. Weather Bureau rainfall and evaporation station located on the campus.

The new laboratories of sanitary engineering are located in the building of the University water purification plant, in a wing of Phillips Hall. They comprise: a biological room equipped for microscopic and bacteriological work, which also contains plan files and an extensive reference library of sanitary engineering literature, making it suitable for seminar, laboratory, and reference purposes; a chemical laboratory with equipment for conducting any of the determinations ordinarily required in sanitary chemistry; a preparation room for the cleansing and sterilization of glass ware and the preparation of reagents and culture media; a dark room for ultramicroscopic, photomicrographic, and turbidimetric work; a chemical storage and balance room; a private laboratory; and a research laboratory for the use of graduate students doing special work.

These laboratories are well equipped with apparatus for carrying on the usual physical, chemical, and biological analyses of gases, milk, water, sewage, and industrial wastes, for the testing of sands and other materials used in sanitary engineering works, for studies of corrosion, for limnological and stream-pollution investigations, and for experimental and research work in the field of sanitary engineering. The water filtration plant is used for demonstration and experimental purposes in the study of problems of water purification; three types of sewage treatment plants located in town afford an opportunity for the study of waste treatment and stream pollution: and nearby towns with excellent sanitary plants coöperate with the School in providing facilities for the investigation of the various problems of municipal and public health engineering.

The surveying laboratory equipment comprises a number of transits, levels, plane tables and auxiliary instruments, such as level rods, chains, range poles, stadia rods, Locke levels, telescopic alidades, barometer, etc. Enough instruments are furnished so that each student will receive a maximum of practice. All the modern types of instruments are represented so that the student may become familiar with the different manufacturers' products.

The Electrical Engineering Laboratories

The electrical engineering laboratories consist of a large dynamo laboratory, having over three thousand square feet of floor space on the ground floor of Phillips Hall, and seven smaller laboratories on the second floor of the new wing. They are all supplied with power through a large seven-panel slate switchboard controlling a 25-k.w., 125-volt direct current motor-generator set, a 5-k.w., 180-volt, Westinghouse booster set, and a 5-k.w., 6 or 12-volt, General Electric electrolytic type motor-generator set. Sub-panels in all the laboratories are connected with this switchboard by means of ten wires, and a plug and socket system of distribution makes it possible to

supply any of the laboratories with several kinds of power at the same time.

The dynamo laboratory is well supplied with direct and alternating current machines of modern design for testing purposes, including a 15-kv.a. General Electric motor-generator set with revolving field alternator, wound for single, two, three or six-phase, two 5-kv.a. 3-phase, Westinghouse motor-generator sets, two synchronous converters of 10-k.w. capacity, two 5-k.w. Westinghouse D. C. motor-generator sets, one 3-h.p. General Electric Type R.F. variable speed motor with compensating winding in the pole faces, a 5-h.p. General Electric 3-phase induction motor with wound rotor and drum type controller, a 3-h.p. Westinghouse and a 2-h.p. General Electric squirrel-cage induction motor, a 3-h.p. General Electric Type RI repulsion motor, and fifteen other D.C. and A.C. machines ranging from two to ten horsepower.

The laboratory has an unusually complete equipment of control rheostats, lamp banks, and inductance coils, six 100-microfarad condensers, and over one hundred portable ammeters, voltmeters, and wattmeters.

The standardization laboratory is equipped with the following precision laboratory standards: one 150-volt Weston D. C. voltmeter, one 150-volt Weston A. C. voltmeter, one 100-millivolt Westinghouse D. M. millivoltmeter with a complete set of shunts, one 5-10 ampere Westinghouse Kelvin-balance type ammeter, one 200-ampere, 300-volt Westinghouse Kelvin-balance type wattmeter, and a 150-ampere, 440-volt States test table with General Electric and Westinghouse rotating-standard watthour meters. These are all mounted permanently on two-inch slate table-tops set in heavy concrete piers, and each station is provided with switching equipment which makes it possible to calibrate a large number of instruments in a very short time.

The photometric laboratory is equipped with a standard Reichsanstalt photometer bench with three-meter track, equipped with standard track screens for daylight work, Bunsen screen, Lummer-Brodhun disappearance and contrast screens, standard Hefner lamp, a number of certified carbon and tungsten incandescent standards, a compound rotator, a luxometer and a G. E. Foot-Candle meter for illumination surveys and a number of shades and reflectors of various types. The laboratory is also supplied with constant potential and constant current arc lamps, direct and alternating current types, a 4-ampere magnetic arc, 12-ampere flaming-arc, and a 3.5 ampere mercury-arc.

The radio laboratory is equipped with a 200-watt R. C. A., Type ET-3602, radio-phone and c.w. telegraph transmitter and a 50-watt c.w. short wave set, as well as a number of small oscillators for testing purposes.

The facilities for radio measurements include General Radio decade and capacity bridges, General Radio precision wave-meter and precision condenser, and the usual complement of coils, condensers, variometers, hot-wire, and thermocouple ammeters.

In addition to the above there are a research laboratory with General Electric Oscillograph and dark-room, and a special laboratory for elementary instruction, containing a large amount of standard equipment illustrating the applications of electricity and a number of special devices, designed and built in the department shop, for teaching the fundamentals of electrical engineering.

Mechanical Engineering Laboratories and the Power Plant

The mechanical engineering laboratories are located on the ground floor of the new wing of Phillips Hall, the main laboratory occupying the greater part of this floor.

The principal laboratory is equipped for making experimental studies of power plant apparatus. It contains a 10 inch by 15 inch Fitchbury uniflow steam engine especially equipped with indicator reducing motion, brake wheel with prony brake, special facilities for cutting in and out of jackets, and hand regulated auxiliary exhaust valves for operation from a 26 inch vacuum up to 10 lb. back pressure. It contains, also, a 25 kilowatt, 250 volt direct current General Electric turbo-generator set with switchboard and a 25 horsepower Chandler and Taylor slide valve engine especially equipped with indicator reducing motion, prony brake, surface condenser, and indicator piping for experimental work. Serving both the uniflow engine and the turbine, there is a Wheeler surface condenser capable of condensing 3,000 pounds of steam per hour.

Other equipment includes a 40-horsepower, compound marine engine, designed and built by the Bureau of Steam Engineering of the U. S. Navy, a Liberty "12" airplane engine, a Vaught airplane with a Wright "E" engine, two small gas-electric lighting units, and two variable pressure steam testing drums. Smaller equipment includes calorimeters, flow meters, thermometers, indicators, scales, dynamometers, a collection of aircraft instruments, and other accessory apparatus for making complete tests on power plant machinery.

Under a portion of the main laboratory there is a sub-basement for condensers and water measuring apparatus.

Adjoining the main laboratory there is a small laboratory for light testing work, such as calibration of instruments, flue gas analysis, fuel analysis, and fuel and oil testing. It is provided with a Parr Oxygen Bomb coal calorimeter, a Junker gas calorimeter, a Saybolt universal viscosimeter, a Hayes gas analyzer, and other instruments for analyzing and testing fuels and oils.

As a valuable aid in visual instruction and practical experience, the University Power Plant is also available for laboratory purposes. The principal equipment of the plant consists of the power boilers and generating equipment. The boiler room contains one 450 horsepower and two 168 horsepower Babcock and Wilcox boilers, one 350 horsepower Union Iron Works boiler, a 500 horsepower Cockrane feed water heater, and large exhaust and live steam heaters for the hot water heating system of the University. The engine room contains a 750 kv.a., 2300-volt General Electric alternator driven by a Skinner uniflow engine, and a large switchboard for controlling the electrical equipment. The pump room contains three large turbine driven centrifugal pumps for circulating hot water through the heating system, and motor driven service and fire pumps.

THE UNIVERSITY LIBRARY

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Henrietta Rhea Smedes, *Custodian of the Rural Economics Library.*
Ruby Ross, *Custodian of the Engineering Library.*

The University Library contained on December 1, 1929, 211,961 volumes.

The Library funds are expended under the direction of the Librarian, the Library Budget Committee, the Library Book Committee, and Professors in charge of Departments, with special reference to the instruction given in the University. The annual addition of books from purchase, donations, and exchanges is over 18,000 volumes.

The main Library is housed in a new library building completed and occupied in July 1929. Its seating capacity is one thousand readers; its present book capacity is approximately 300,000 volumes.

In addition to the resources of the general reference room, the Library has a collection of 36,347 bound periodicals.

3,230 current periodicals, newspapers, transactions of literary, scientific, historical, and other societies, continuing and supplementing the bound sets, are subscribed for or secured through exchange annually.

The Library is a depository for the publications of the United States Government.

* Absent on leave, winter and spring quarters, 1930.

Five seminar rooms on the third floor of the Library facilitate advanced work in English, German, Greek and Latin, the Romance Literatures, and History.

The North Carolina room contains all the books in the Library which relate to North Carolina, including the Weeks collection of Caroliniana. The whole makes one of the finest collections on the history of this State in the country and offers rare advantages to the research student. It is in charge of a special librarian.

The Hanes Foundation for the Study of the Origin and Development of the Book was established by the children of John Wesley and Anna Hodgin Hanes, April 5, 1929, as a memorial to their parents. This collection comprises rare and early printed books and manuscripts which are available to the faculty and students as illustrative materials.

Brief instruction in the use of the card catalogue, the periodical indexes, and the reference books generally, is given new students at the beginning of each year. Courses in Library Science are given for students who are preparing for positions in school and public libraries.

DEPARTMENTAL LIBRARIES

Six departmental libraries are in charge of regular attendants: Commerce, Education, Engineering, Law, Geology, and Rural Economics. Five libraries: Botany, Chemistry, Medicine, Pharmacy, and Zoölogy are under the supervision of the instructors in those departments and the Librarian.

RULES

Subscribers to the Library are the students and members of the faculty.

Faculty members are not restricted as to the number of books borrowed or the time they may be retained except in the case of Fiction, "Special Collections," or books needed for Reserve. All books charged to Faculty members must be returned each June.

The term Faculty applies to men of or above the rank of Instructor.

Other persons who desire to use the Library may become subscribers on payment of a regular library fee of $4 a year, $1 for three months, or 50 cents a month.

Persons who are not subscribers may not borrow books on a subscriber's name.

Books bought for a Department do not consequently become the exclusive property of that Department. They are the property of the University, acquired through the Library, and are to be so placed as to insure their greatest use to the greatest number of students and faculty members.

A student who owes the Library for fines or lost books will not receive academic credit for his courses at the end of a quarter.

THE UNIVERSITY OF NORTH CAROLINA PRESS

*Louis Round Wilson, Ph.D., *Director*
William Terry Couch, A.B., *Assistant Director*

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The University of North Carolina Press was incorporated on June 12, 1922. The objects for which it was established are: (1) to publish periodicals devoted to the advancement of learning and produced at the University by or under the direction of the Faculty; (2) to publish catalogues, bulletins, and other documents pertaining to the University and its various schools and departments; and (3) to promote generally, by publishing deserving works, the advancement of arts and sciences and the development of literature.

The Press was established upon the authority of the Board of Trustees of the University, is a non-stock corporation, is financed in part by the University, and is managed by a Board of Governors drawn from the Faculty and Board of Trustees.

In addition to the publication of books, the Press has established three series of studies under the title: The University of North Carolina (1) "Studies in Language and Literature," (2) "Studies in Social Science and History," and (3) "Studies in Science." The Press also publishes the following periodicals: *The Journal of the Elisha Mitchell Scientific Society; Studies in Philology; The James Sprunt Historical Studies; The High School Journal; Social Forces; The North Carolina Law Review; The University of North Carolina Extension Bulletin; The University News Letter; The University of North Carolina Record.*

The Press office is located in Alumni Building. The agents of the Press for Great Britain and the British Dominions are respectively *The Oxford University Press,* London, for books and studies; *The Cambridge University Press,* London, for periodicals. A complete list of publications issued by the Press will be supplied to any address on request.

* Absent on leave, winter and spring quarters, 1930.

ADMISSION

ADMISSION TO THE UNIVERSITY

Evidence of successful vaccination against smallpox is a prerequisite for the admission of students to this institution. Applicants for the admission to any school are hereby informed that a certificate as to successful vaccination must be sent to the Registrar before they can be admitted.

Candidates for admission to the University are received by certificate from accredited schools or by examination.

ENTRANCE BY CERTIFICATE. Students who present certificates of work accomplished at preparatory schools and colleges may be admitted without examination, provided the certificates are approved. The right to examine, however, is reserved, when such a course is deemed necessary. Certificates must be made out on the printed forms furnished on application to the Registrar, and should be sent in as early as possible in the summer vacation. Notice is hereby given that satisfactory credentials must be in the Registrar's hands before an applicant may register. Candidates must present themselves in person before the Committees on the Registration of Freshmen during the period of registration.

ENTRANCE BY EXAMINATION. The University will accept the certificates of the College Entrance Examination Board provided the applicants submit satisfactory school certificates also. Statewide entrance examinations are held, when asked for in advance, at the offices of the County Superintendents early in June and at the University in the week preceding the opening of the fall quarter in September. These examinations are given to graduates of non-accredited high schools and to others who present evidence of having completed the equivalent of a four years' high school course. The Registrar in every instance must approve the applicant's record as meeting this requirement. Candidates for admission by examination in September must make application to the Registrar in writing two weeks before the date for registration. Time and place for examinations will be arranged by the Registrar.

Admission to Advanced Standing

A candidate may be admitted to advanced standing in accordance with the amount and character of his previous training. The Registrar will accept, with proper restrictions, an official transcript of work satisfactorily completed at a college or university of good standing. All credits allowed by him stand in suspense until the candidate shall have spent one quarter in residence. If his work during this quarter is unsatisfactory, the credits may be cancelled.

A candidate for advanced standing must send to the Registrar his application accompanied by an official transcript of his previous record at least two weeks before the date for registration. Blank forms may be secured by writing the Registrar. Notice is hereby given that applicants whose records at other institutions do not reach the standard required for the readmission of students at this institution will not be admitted. Notice is hereby given that satisfactory credentials must be in the Registrar's hands before an applicant may register.

In case of students who enter as candidates for a bachelor's degree with advanced standing from other institutions the minimum requirements of residence and credits secured in residence are as follows: residence for three quarters within a period of twelve months and a full year's work comprising at least nine courses or the equivalent.

Admission of Women

By action of the Trustees in February, 1897, women were made eligible for admission to the Graduate School of this institution. Almost immediately this action was extended so that women were eligible for admission to the two upper classes of the college. Some years later women whose training was found to be sufficient were admitted to the Professional Schools of Law, Medicine, Pharmacy, and later to courses in Engineering. By an extension of this action women are admitted to special courses in work that is not to be obtained in a college for women. Here are included the Pre-medical and Pre-dental courses and courses leading to such specialized scientific degrees as those in Chemistry and Geology. In the College of Liberal Arts, the School of Education, and the School of Commerce the University does not admit women students with less than junior standing. To the School of Public Welfare and for special work in play-writing and play-production "mature special students" who cannot qualify for junior standing may occasionally be admitted for reasons which must be clear in any individual case.

Entrance Requirements

For admission to the Freshman Class of the University of North Carolina fifteen units secured by the completion of a four years' high school course are required. The applicant must either present an official certificate showing his preparatory work and the recommendation of his school, which must be on the list of accredited schools, or stand entrance examinations on an equivalent amount of preparatory work as provided for on the preceding page.

It must be clearly understood that admission to the University does not necessarily mean admission to candidacy for a degree.

In order for a student to be admitted to candidacy for a degree, he must meet the specific requirements laid down by the school or college in which the degree is conferred. In some cases this will make it necessary for the candidate to carry certain courses as prerequisites over and above the courses prescribed for the degree or to make up certain deficiencies. These deficiencies must be made good before the student may register for his sophomore year.

The preparatory student should decide therefore, as early as possible, for which degree he wishes to become a candidate and carry such courses in his preparatory school as will admit him to candidacy for that degree.

Subjects for Entrance

The complete list of subjects accepted for entrance with the credit that may be secured in each subject is as follows:

English	3 or 4 units
History	1 to 4 units
Mathematics	2 to 4 units
Greek	1 to 3 units
Latin	1 to 4 units
French	1 to 3 units
German	1 to 3 units
Spanish	1 to 3 units
Biology	½ or 1 unit
Botany	½ or 1 unit
Chemistry	½ or 1 unit
Physics	½ or 1 unit
Physiology	½ unit
Zoölogy	½ or 1 unit
General Science	½ or 1 unit
Physiography	½ or 1 unit
Drawing	½ or 1 unit
Civics	½ or 1 unit
Economics	½ or 1 unit
*Scouting	½ or 1 unit
*Music	½ or 1 unit
*Military Science	½ or 1 unit
Vocational subjects	
Commercial Geography	½ unit
General Agriculture	½ to 2 units
Bookkeeping	1 unit
Commercial Arithmetic	1 unit
Stenography and Typewriting	1 unit
Manual Training	½ to 2 units

NOTE, that as many as four (4) units in English, four (4) units in history, and two (2) units in agriculture may be accepted. This amount of credit will be allowed only when the Registrar is satisfied that the work done in these subjects at any given school is of a superior order.

NOTE FURTHER: One (1) full unit in any of the sciences will be allowed only when satisfactory work is done in the laboratory as evidenced by the noteboook; otherwise only one-half (.5) unit will be allowed. In vocational subjects not more than a total of three (3) units will be credited.

* Entrance credit for this subject will be allowed only in case the certifying school credits it towards graduation.

PRESCRIBED REQUIREMENTS

The requirements for admission to candidacy for the different degrees in the College and in the several Schools within the University are as follows:

THE COLLEGE OF LIBERAL ARTS

(The Degrees A.B., A.B. in Journalism, A.B. in Music)

English	3 or	4 units
American History		1 unit
Mathematics, (Algebra, Plane Geometry)	2½ or	3 units
Select Two: Greek		2 units
Latin		2 units
German		2 units
French		2 units
Spanish		2 units
Select Two		4 units
Electives		
Total		15 units

NOTE, that two foreign languages to the amount of not fewer than four (4) units are required for admission to candidacy for the A.B. degrees. The languages so presented must be continued as the required foreign languages, or the elementary courses (1 and 2) of a substituted language must be taken without credit towards the degree. Elementary Greek (1-2) and Elementary German (1-2), however, when completed satisfactorily in this institution, will be counted also as electives for degree credit.

THE SCHOOL OF APPLIED SCIENCE

(The Degree S.B.)

Bachelor of Science in Chemistry

English	3 or	4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French		2 units
German		2 units
Science		1 unit
Electives		
Total		15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Chemistry call for:
French *and* German.

Bachelor of Science in Geology

English	3 or	4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French, German, or Spanish		2 units
Science		1 unit
Electives		
Total		15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Geology call for:
One modern foreign language.

Bachelor of Science in Medicine

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry)	2½ or 3 units
*German	2 units
*French	2 units
Electives	
Total	15 units

Requirements for Admission to the Pre-medical or Pre-dental Course:

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry)	2½ or 3 units
Select One { French / German	2 units
Electives	
Total	15 units

NOTE, that the requirements for admission to the Pre-medical or Pre-dental Course call for:
Either French or German.

Bachelor of Science in Pharmacy

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry)	2½ or 3 units
French or German	2 uints
Electives	
Total	15 units

THE SCHOOL OF ENGINEERING

(The Degree S.B.)

Bachelor of Science in Chemical, Civil, Electrical, and Mechanical Engineering

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry)	2½ or 3 units
French, German, Spanish, Greek, or Latin	2 units
Science	1 unit
Electives	
Total	15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Chemical, Civil, Electrical, and Mechanical Engineering call for:
One foreign language.

THE SCHOOL OF EDUCATION

(The Degree A.B. in Education)

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry)	2½ or 3 units

* The curriculum for this degree requires four courses of college grade work in French or in German above the elementary courses 1 and 2 or two such courses in French *and* two such courses in German. If one language is taken, that language must be continued through French 6 or German 22, if both languages are taken, the requirements are French through course 4 and German through course 4. Hence the entrance requirement is either French or German (if one language is to be taken), or both French and German (if both languages are to be taken).

4 units required	Greek	2 units	4 units
	Latin	2 or 4 units	
	German	2 units	
	French	2 units	
	Spanish	2 units	
Electives			
Total			15 units

NOTE, that 4 units of foreign language are required for admission to candidacy for the degree of A.B. in Education. This requirement may be satisfied by 4 units of Latin or by 2 units of Latin and 2 of one other foreign language, or by 2 units each in any two of the foreign languages here listed.

THE SCHOOL OF COMMERCE

(The Degree S.B. in Commerce)

English		3 or	4 units
American History			1 unit
Mathematics (Algebra, Plane Geometry)		2½ or	3 units
Select Two	Latin	2 units	4 units
	German	2 units	
	French	2 units	
	Spanish	2 units	
	Greek	2 units	
Electives			
Total			15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Commerce call for:

Two foreign languages, one of which must be a *modern* foreign language, to the extent of two units in each language.

THE SCHOOL OF PUBLIC WELFARE

The one year and two year courses of professional training are open to graduates of colleges of good standing.

Students of mature age not eligible to the regular courses by reason of not holding a degree may be admitted to special courses of one quarter or more provided they have had sufficient general education and practical experience to insure satisfactory work and conform to University requirements. Correspondence in regard to such admission should be addressed to the Director of the School of Public Welfare.

THE GRADUATE SCHOOL

Holders of Bachelors' or Masters' degrees from standard colleges are admitted to the Graduate School upon presentation of their credentials. Each student must bring to the office of the Graduate School, at the time of registration, a program of studies approved by the department in which he proposes to specialize, or, in case of special students, the permission of the department to register for certain specified courses. For further details the prospective student is referred to the Catalogue of the Graduate School.

THE SCHOOL OF LAW

Candidates for the Degree LL.B.

Students who are to be candidates for the degree of LL.B. must have completed such college work as will fit them for the study of Law. For detailed

statement of the subjects required see under the School of Law, Part Five. Students may not enter at the opening of the second term except by special permission of the Dean.

Candidates for the Degrees of A.B. and LL.B.

A special course has been prescribed in the College of Liberal Arts upon the completion of which a student may enter the Law School and upon the completion of the first year of Law receive the degree of A.B., and at the end of the third year of Law receive the degree of LL.B.

Candidates for the Degrees of S.B. in Commerce and LL.B.

The School of Commerce has prescribed a special course which the student may take for three years and upon its completion enter the Law School, and after completing the first year of Law receive the degree of S.B. in Commerce, and upon the completion of the third year of Law receive the degree of LL.B.

Candidates for the Degree J.D.

For admission to candidacy for the degree of J.D. the applicant must have completed the work requisite for the degree of A.B. or its equivalent before entering upon the work of the School of Law.

Admission to Advanced Standing

A student from another School of Law, in which the requirements for admission are at least as high as in this school, may be admitted to advanced standing for the degree of LL.B. As a rule no more than one year's work will be so credited without residence, but with the consent of the Law Faculty, two years' work may be credited in exceptional cases.

Students Not Candidates for the Degree

Students taking regular work in the school, but not candidates for the degree, unless they are "special students," must have completed college work equal to that required of candidates for the degree. For detailed statement of the subjects required see under the School of Law, Part Five.

Special Students

A limited number of persons who are twenty-three years of age or over may be admitted as special students upon satisfying the Law Faculty that they have such training and ability as will enable them to profit by the instruction given in the school. The number of special students admitted each year may not exceed ten per cent of the average number of students first entering the school during the two preceding years.

THE SCHOOL OF MEDICINE

Requirements for Admission to the Medical Course

The minimum requirements for admission to the medical course are 2 years (= 60 semester hours) of college work, which must include a minimum of twelve semester hours in chemistry (including 4 semester hours of organic chemistry), eight semester hours in Biology, eight semester hours in Physics, six semester hours in English, and six semester hours in a modern language (French or German) beyond the amount required in the language chosen for admission to the University. *No student will be admitted with less than the equivalent of sixty semester hours of accredited collegiate work, or with a condition on any*

of the required subjects in science. All admissions are made with the approval of the Dean of the School of Medicine. The maximum number admitted to the first year class is 42; to the second year class it is 40. The Dean reserves the right to select from the entire list of applicants (usually many more than the number who can be admitted) those applicants who in his judgment are best qualified for the study of medicine. The fact that an applicant may have been registered in our course leading to Bachelor of Science in Medicine does not obligate the Dean to admit him to the School of Medicine.

Admission to Advanced Standing

Candidates for admission to the second year of the medical course must present certificates from an accredited medical school stating that they have had the required fifteen units, at least two years of college work as indicated above, and have completed the subjects of the first year of the medical course as outlined.

THE SCHOOL OF PHARMACY

Candidates for the degree of S.B. in Pharmacy must present for entrance the subjects prescribed above on page 56. For the curriculum leading to this degree see under the School of Applied Science.

Candidates for the degree for Ph.G. must have completed a high school course of study or must present evidence of 15 units. They may, however, enter a one year special course without this prerequisite.

EXPENSES

The University reserves the right to make, with the approval of the proper authorities, changes in any fees at any time.

Tuition and Other Fees for Each Quarter

	Residents of N. C.	Non-Residents of N. C.
College of Liberal Arts:		
Tuition	$25.00	$33.34
*Matriculation	12.00	12.00
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$47.16	$55.50
School of Engineering:		
Tuition	$33.34	$41.67
Matriculation	12.00	12.00
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$55.50	$63.83

School of Applied Science:

Same as for the College of Liberal Arts.

School of Education:

Same as for the College of Liberal Arts.

School of Commerce:

Same as for the College of Liberal Arts, plus an additional fee of $1.00 for reading and materials for each quarter.

School of Public Welfare:

Same as for the College of Liberal Arts.

Graduate School:

Same as for the College of Liberal Arts.

* This fee includes the gymnasium fee, the library fee, the fee for attendance of the University Physician, the fee for debates.

School of Medicine:	Residents of N. C.	Non-Residents of N. C.
*Tuition and matriculation	$73.34	$81.67
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$83.50	$91.83

School of Pharmacy:		
Tuition	$28.34	$36.67
*Matriculation	12.00	12.00
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$50.50	$58.83

School of Law:		
Tuition for fall and spring terms, each	$50.00	$62.50
*Matriculation fee each term	18.00	18.00
Student Publications fee each term	2.50	2.50
Student Activities fee each term	2.50	2.50
Laundry Deposit each term	12.75	12.75
Total for each term	$85.75	$98.25

LAUNDRY DEPOSIT: Students will be required to send their washing to the University Laundry for which a deposit will be collected at the time of registration.

LABORATORY FEES: Each student taking a laboratory course must pay, in addition to his tuition fee, a small fee for power or materials used in the laboratory. The fees for the various laboratory courses are as follows:

BACTERIOLOGY

1	$ 4.00	4	$10.00
2	6.00		(Non-med. students)
	(Non-med. students)	5	6.00
			(Non-med. students)

BOTANY

1, 2, 4-5-6	$ 4.00 a quarter	107-108-109	$ 4.00 a quarter
10, 11, 21, 22, 23	4.00 a quarter	110-111-112	4.00 a quarter

* This fee includes the gymnasium fee, the library fee, the fee for attendance of the University Physician, the fee for debates.

CHEMISTRY

1-2	$ 5.50 a quarter	81, 82, 85	$ 7.00 a quarter
11, 12	7.00 a quarter	111abc	10.00 a quarter
21-22-23	10.00 a quarter	121abc	10.00 a quarter
31, 41, 42, 45, 46	10.00 a quarter	141abc	10.00 a quarter
47	5.00	161abc	10.00 a quarter
61, 62, 63, 64, 65	10.00 a quarter	181abc	10.00 a quarter
67, 68	10.00 a quarter		

CHEMICAL ENGINEERING

1	$ 7.00	7	$10.00
6	10.00		

COMMERCE

1, 2, 3, 4, 5, 6	$ 3.00 a quarter	9	$2.50
7	2.00	20, 22	1.00 a quarter

ECONOMICS

A	$ 3.50	7	$ 2.00

ENGINEERING

6bc	$ 4.00 a quarter	74abc	$ 7.00 a quarter
16c	2.00	75abc	3.00 a quarter
20c	6.00	90abc, 93abc	5.00 a quarter
22ac	3.00 a quarter	94ab, 96a	5.00 a quarter
23s	10.00	98bc, 99abc	5.00 a quarter
32abc	2.00 a quarter	106abc, 125abc	5.00 a quarter
35a	3.00	131abc	5.00 a quarter
35bc	4.00 a quarter	132a	2.00
45abc	3.00 a quarter	133abc	5.00 a quarter
50abc, 60abc	5.00 a quarter	134bc	2.00 a quarter
62bcs	4.00 a quarter	145abc	5.00 a quarter
73abcs	5.00 a quarter	164a	10.00

ENGLISH

34, 35, 36	$ 2.00 a quarter

GEOLOGY

1-2	$ 3.00 a quarter	18-19-20	$ 3.50 a quarter
3-4	5.00 a quarter	21-22, 23, 24, 25	2.50 a quarter
5	3.50	26	2.00
8	2.50	29, 61	3.50
11-12, 13, 14	3.50 a quarter	71-72-73	3.50 a quarter
15-16, 17	3.50 a quarter	74-75-76	3.50 a quarter

JOURNALISM

1, 2, 3	$ 2.00

MATERIA MEDICA AND PHARMACOLOGY

15	$ 5.00	32	$ 5.00

PHARMACY AND PHARM. CHEMISTRY

15-16	$ 7.50 a quarter	38	$10.00
25	3.00 a quarter	40	10.00
26	3.00	41	5.00
27	5.00	43-44	10.00 a quarter
28	10.00	49	5.00
36-37	10.00 a quarter		

PHYSICS

1	$ 3.00	5, 8, 9, 12	$ 3.00
2	5.00	13	15.00
1-2-3E	2.50 a quarter		

PSYCHOLOGY

1-2	$ 4.00 a quarter	26	$ 1.50
25, 35, 36, 47	2.00 a quarter	51, 52, 53	2.00 a quarter
38, 45, 46	1.00 a quarter	101, 102-103, 105	2.00 a quarter

ZOÖLOGY

1b, 2b, 3, 4, 5	$ 5.00 a quarter	112-113-114	$ 5.00 a quarter
6-7-8	3.00 a quarter	115	5.00
9, 11	5.00 a quarter	116	3.00 or 5.00
109-110-111	5.00 a quarter		

TRANSCRIPTS OF RECORD. One transcript will be furnished without charge. Additional transcripts will be furnished only upon payment of $1.00 for each copy.

DIPLOMA. The fee for a diploma is $5.00, payable one week before the date of the award of diplomas at commencement or at the end of the Summer School.

Board

Excellent board is furnished at Swain Hall for $22.00 a month. A few students can earn their board by waiting on the tables.

Board without room can be obtained in the town from $22.50 to $35.00 a month.

Dormitory Accommodations

Accommodations for approximately fourteen hundred students are available in the University dormitories. For a list of the dormitories see page 36.

All rooms in the dormitories are completely furnished. Students will, however, provide their own pillows, bed linen (for single beds), and towels.

Room rent ranges from $5.00 to $11.00 a month for each occupant, the price depending upon the location of the room. This charge includes light, heat and service.

PECUNIARY AID

FELLOWSHIPS AND SCHOLARSHIPS

THE LEDOUX FELLOWSHIP IN CHEMISTRY. (Established in 1911 by Dr. Albert R. Ledoux). The holder is expected to devote himself to research in chemistry. This fellowship is endowed, and yields $300 annually.

THE GRAHAM KENAN FELLOWSHIP IN PHILOSOPHY. A fellowship supported by the income from an endowment of twenty-five thousand dollars, established in 1921, by Mrs. Graham Kenan, in memory of her husband, an alumnus and trustee of the University. This fellowship is awarded annually by Professor Henry Horace Williams.

THE MOORE SCHOLARSHIPS. (Established in 1881). Bartholomew Figures Moore, of Raleigh, bequeathed $5,000, the interest of which shall be devoted to paying the tuitions of students.

THE MARY RUFFIN SMITH SCHOLARSHIPS. (Established in 1885). Miss Mary Ruffin Smith bequeathed to the University in memory of her brother, Dr. Francis Jones Smith, a valuable tract of land in Chatham County of 1,460 acres, known as Jones' Grove. The will provides that rents of the land, or the interest on the purchase money if sold, shall be used to pay the tuition of such poor students as the faculty shall appoint.

THE MARY ANN SMITH SCHOLARSHIPS. (Established in 1891). Miss Mary Ann Smith bequeathed $37,000 for the foundation of scholarships, the number of scholarships to be determined by the amount of the income.

THE CAMERON SCHOLARSHIPS. (Established in 1892). The heirs of Paul Carrington Cameron founded in his memory ten scholarships of the value of $75 each.

THE SPEIGHT SCHOLARSHIPS. (Established in 1892). The late Mrs. Mary Shephard Speight bequeathed $10,000 to the University. The income shall be used to pay the tuition of needy students; but if tuition is ever made free, the income shall be used toward paying the salaries of the professors.

THE WOOD SCHOLARSHIP. (Established in 1892). Mrs. Mary Sprunt Wood, of Wilmington, has founded, in memory of her late husband, Dr. Thomas Fanning Wood, a scholarship of the value of $75.

THE DIALECTIC AND PHILANTHROPIC LITERARY SOCIETIES' SCHOLARSHIPS. (Established in 1893). The Dialectic and Philanthropic Literary Societies of the University founded two scholarships of

the value of $75 each, recipients of which shall give assistance in the Library.

THE WEIL SCHOLARSHIP. (Established in 1898). A fund established by Mr. Henry Weil, of Goldsboro, furnishes one scholarship of the value of $75.

THE ARMFIELD SCHOLARSHIPS. (Established in 1901 and 1904). These scholarships were founded by the generosity of the late Mr. Eugene M. Armfield, of High Point, N. C., a member of the class of 1888.

THE KENNETH MURCHISON SCHOLARSHIPS. (Established in 1904). These scholarships have been founded by Mrs. Shirley Carter, of Baltimore, Md., and the late Mrs. James Sprunt, of Wilmington, N. C., in memory of their father. They are awarded by the founders.

THE DONALD FAIRFAX RAY SCHOLARSHIPS. (Established in 1919). Mrs. N. W. Ray, of Fayetteville, N. C., has established this scholarship in memory of her son, Donald Fairfax Ray, a graduate of the University, who died while in the service of his country.

THE MILDRED WILLIAMS BUCHAN SCHOLARSHIP. (Established in 1920). A fund of one thousand dollars was given by Mr. Edward Robertson Buchan in memory of his wife. The income of this fund is to support a scholarship in the Department of Philosophy.

THE HOLT SCHOLARSHIPS. Four scholarships, valued at one hundred and twenty-five dollars each, are maintained by the income from the Holt Loan Fund, established in 1920 by Mr. Lawrence S. Holt, Jr. They are awarded by the Committee on the Holt Fund, to a member of each of the four classes in the Academic Department. Applications are considered after the opening of the University in the fall.

THE ALUMNI SCHOLARSHIPS. These scholarships have been established by the gifts of Alumni. A scholarship will be awarded for each $1,000 given.

THE R. H. LEWIS SCHOLARSHIPS. Four scholarships, endowed by the University Gymnasium Association, and called The R. H. Lewis Scholarships, are assigned by the President, and are good for tuition in the Academic Department.

THE MRS. AUGUSTUS H. JONES SCHOLARSHIP was created by a gift of two thousand dollars from Mrs. James H. Parker, of New York City, the income to be used for one scholarship. The recipient of this scholarship is to be designated by Mrs. James H. Parker during her life and thereafter upon recommendation of the New York Chapter of the United Daughters of the Confederacy. Failing this recommendation from either source, appointment is to be made by the President of the University, preference being given first to

relatives of the late Dr. James H. Parker, of New York, and second to the relatives of the donor.

THE GEORGE NEWBY TOMS SCHOLARSHIPS. Established 1926 by Mr. C. W. Toms, in memory of his son, George Newby Toms. The income from a fund of $5,000 is granted by the University as scholarships to worthy students, preference being given to students from Durham and Perquimans counties in North Carolina.

THE GENERAL ROBERT RANSOM SCHOLARSHIP. This scholarship to the value of $200 is awarded each year to a lineal descendant of a Confederate Veteran. It is awarded and controlled by the United Daughters of the Confederacy in North Carolina.

THE JEFFERSON DAVIS ESSAY SCHOLARSHIP. Awarded each year by the United Daughters of the Confederacy in North Carolina to the high school graduate who writes the best essay on Jefferson Davis. Value $200.

WILLIAM BLOUNT RODMAN SCHOLARSHIPS. Two scholarships assigned to students at the University from the memorial trust fund created by Colonel W. B. Rodman in memory of his father, William Blount Rodman. They are assigned by the State Superintendent of Public Instruction, Trustee of the fund.

THE DANIEL G. FOWLE SCHOLARSHIP. One scholarship founded in 1928 by Mrs. Walter F. Stearns (Mary H. Fowle) in memory of her father, Governor Daniel G. Fowle. Mrs. Stearns reserves the right to award the scholarship to a member of her own family; otherwise it will be awarded by the Superintendent of the Raleigh Schools and the Principal of the Raleigh High School to one Raleigh student on the basis of merit, character, and scholarship. Value annually $100.

None of these scholarships is open to students in the Schools of Law, Medicine, and Pharmacy. For scholarships open to students in these Schools, please see Part Five of this Catalogue.

This list does not include certain annual contributions for scholarships, which are not on an endowment basis.

All applications for scholarships must be filed in the President's office on or before July first, and must be in the regular form prescribed by the University. Blank forms are supplied on application to the President.

FREE TUITION

Free tuition in the College and in the non-professional schools is given to candidates for the ministry, to the sons of ministers residing in the State, to residents of North Carolina under bodily infirmity, to teachers in the schools of North Carolina, and to students (residents of North Carolina) preparing to teach. In order to secure this free tuition, students preparing to teach must be

candidates for the degree of A.B. in Education, and agree to teach in North Carolina for at least two years after leaving the University. This enables the University to aid effectively the public school teachers of the State.

Attention is called to the fact that under this provision free tuition is not given in any professional school nor in the Graduate School.

LOAN FUNDS

THE DEEMS FUND. (Established in 1879). A fund of $600 was established by Rev. Charles Force Deems, D.D., late pastor of the Church of the Strangers, New York City, formerly a professor in the University, in memory of his son, Lieut. Theodore Disosway Deems. In 1881 the gift was greatly enlarged through the munificence of Mr. William H. Vanderbilt by a gift of $10,000 "as an addition to the Deems fund, to be loaned to indigent students of the University."

THE MARTIN FUND. This fund has been established by the bequest of Mr. Thomas D. Martin, of Raleigh. Only the interest of the fund can be used for loans. It became available during the session of 1908-1909.

THE HOGUE FUND. A fund of $4,000 has been established by the Rev. R. W. Hogue, of Baltimore, the income from which is to be loaned to worthy students in the University.

THE HEWITT FUND. A fund of $18,700 was established in 1916 by the bequest of Mr. Joseph Henry Hewitt, of Princess Ann County, Virginia. Only the income from this fund can be used for loans to "needy and deserving students" of the University. This fund became available during the session of 1919-1920.

THE HOLT FUND. A fund of $10,000 has been established by Mr. Lawrence S. Holt, Jr., of Burlington. The principal of this fund is to be loaned to "worthy and needy students of the University." The income from this fund is to be used in establishing four scholarships in the University. It became available during the session of 1920-1921.

THE VICTOR S. BRYANT FUND. A fund of $7,500 has been established by the bequest of Mr. Victor S. Bryant, of Durham. The principal and the interest of this fund can be used for loans to "worthy and needy young men" at the University. This fund became available during the session of 1920-1921.

THE MASONIC LOAN FUND. A fund of $1,250 has been established by the Grand Lodge of Masons, the Grand Chapter of Royal Arch Masons, and the Grand Commandery of Knights Templar of North Carolina, for the purpose of "assisting worthy boys and girls to secure an education." The principal of this fund is loaned, and

the interest is added thereto. The fund became available in the fall of 1922.

THE SEELY FUND. A fund of one thousand dollars has been established by Mr. F. L. Seely, of Asheville, the principal of which is to be loaned to worthy and needy students, and the income therefrom to be added to the principal. This fund became available during the fall of 1922.

THE E. S. BLACKWOOD MEMORIAL LOAN FUND, created by bequest of Miss Katherine B. Blackwood, of New York City. This fund consists of ten thousand dollars "to be used as a loan fund for needy students." This fund is administered in the same manner as the Deems Fund.

THE A. B. ANDREWS LOAN FUND. In May, 1925, the five children of the late Colonel A. B. Andrews (William J. Andrews, class of 1891; Alexander B. Andrews, class of 1893; Mrs. W. M. Marks; John H. Andrews, class of 1897; and Graham H. Andrews, class of 1903) established a fund of $2,500 of which the principal and interest are to be loaned to worthy students. This fund has been increased to $3,750 through the subsequent gifts from Mr. Alexander B. Andrews of Raleigh, N. C. The A. B. Andrews Loan Fund is administered as are other loan funds from the University and is established as a memorial to Colonel A. B. Andrews, a noted railroad builder in North Carolina and a Trustee of the University. It is requested by the donors that assistance from this fund be rendered first to students from those counties of North Carolina in which Colonel Andrews built railroads and second to those counties through which lines of the S. A. L., Norfolk-Southern and Southern railway systems run.

THE J. E. LEAR FUND. This fund of $5,244 became available in 1924 as a fund upon which students in the School of Engineering, especially students in electrical engineering, would have first claim. The fund was the result of installation work done by the senior class in electrical engineering under the supervision of Professor J. E. Lear.

Applications for Loans

Applications for loans will be considered when made in person by students registered in the University. The funds are limited in amount and are loaned only on the security of two approved signatures and at the legal rate of interest. Application should be made to the Dean of Students.

Self Help

It is confidently believed that no institution offers wider opportunity for self-help to meritorious students of slender means. The desire is that no worthy boy, however poor, shall ever be turned

away for lack of means. To such the University and town offer unusual opportunities for support. Many students are now working their way through college by every form of honorable labor. A number are here as a result of money earned or borrowed. A few students are selected by the authorities as waiters at Swain Hall. Otherwise all opportunities available in the University and town must be secured by the personal efforts of the individual, with the assistance of the Self-Help Bureau of which Mr. Grady Leonard is secretary. They are not assigned by the President of the University. Application should be made to the Self-Help Bureau of the Y. M. C. A. as far in advance as possible.

MEDALS AND PRIZES

The Mangum Medal in Oratory. (Established in 1878). A gold medal founded by the Misses Mangum, late of Orange County, in memory of their father, Willie Person Mangum, class of 1815, is continued by his granddaughter, Mrs. Stephen B. Weeks, and his great-grandson, Mr. Julian Turner, and is awarded to that member of the Senior Class who shall deliver the best oration at Commencement.

The Early English Text Society Prize. (Established in 1886). A special prize is offered annually by the Early English Text Society of London for advanced work in Anglo-Saxon and Middle English.

The Eben Alexander Prize in Greek. (Established in 1887). A prize of $10 is offered annually to that member of the Sophomore Class who shall present the best rendering into English of selected passages of Greek not previously read.

The Kerr Prize in Geology and Mineralogy. (Established in 1889). A prize of $50 is offered annually by Mr. William H. Kerr in memory of his father, Professor Washington Carruthers Kerr, to any undergraduate or graduate student for the best thesis containing original work in the geology or mineralogy of North Carolina.

The Bingham Prize in Debate. (Established in 1899). This prize is offered by Mr. R. W. Bingham, in memory of his great-grandfather, grandfather, father, and brother. It is given annually, for excellence in debate. The contestants are representatives of the Literary Societies, and the contest is held during Commencement.

The Bryan Prize in Political Science. (Established in 1903). A prize will be given annually for the best thesis in Political Science. This fund was established by the late William Jennings Bryan.

The Hunter Lee Harris Memorial. (Established in 1903). Dr. Charles Wyche, of St. Louis, offers annually, in memory of Hunter Lee Harris, of the class of 1889, a gold medal for the best original story by any student in the University.

The William Cain Prize in Mathematics. (Established in 1908). A gold medal is offered annually by Professor William Cain to that student who shall take the highest rank in Mathematics 4-5. No student will be recommended for the prize unless he attains to grade B.

The Preston Cup, given by the Hon. E. R. Preston in memory of his brother, Ben Smith Preston, will be awarded annually to the undergraduate student who during the months September to April has done the best work of a journalistic nature.

Mary D. Wright Memorial Medal, given by Mr. P. E. Wright of Landis. A $25 gold medal will be awarded to the best speaker on the winning team of the two Literary Societies in their annual debate held in December.

The Archibald Henderson Prize in Mathematics. A prize of $25 in gold is given by Professor Archibald Henderson to the graduate student who produces the best piece of original research in Mathematics.

The Patterson Medal. (Established in 1924). A gold medal is offered annually by Lieutenant Commander D. F. Patterson, U. S. N., Mr. Albert F. Patterson, and Dr. Joseph F. Patterson to commemorate the memory of their brother, John Durand Patterson. This medal is awarded for general excellence in athletics to a student selected by a special committee.

The Delta Sigma Pi Scholarship Key. The Alpha-Lambda Chapter of Delta Sigma Pi awards annually a gold scholarship key. This key is presented to that Senior, who, upon graduation, in the opinion of the faculty ranks highest in scholarship for the entire course in Commerce. Not upon scholarship only is the key awarded but also upon leadership and promise of future usefulness. This key may be awarded to any student in the School of Commerce regardless of whether or not he is a member of Delta Sigma Pi.

Certain other prizes are offered in the Professional Schools of Law, Medicine, and Pharmacy. For these, see under the several schools.

REGULATIONS

SPECIAL NOTICE TO STUDENTS

This catalogue, issued in the spring of each year, is intended to gives such a description of the work of the University and such a digest of its rules as are needed by students. Neither the courses announced nor the rules given are valid beyond the succeeding year, for before the end of the succeeding year a new catalogue will have been issued, superseding all previous catalogues. Ordinarily a student may expect to be allowed to secure a degree in accordance with the requirements of the curriculum laid down in the catalogue in force when he first entered the University, or in any one subsequent catalogue published while he is a student; but the faculty reserves the right to make changes in curricula, as in rules, at any time when in its judgment such changes are for the best interests of the students and the University.

FRESHMAN WEEK

In order to facilitate the process of adjustment which the freshman must pass through, the University has set up a "freshman week" program. The events of this week include mental and physical measurements, pre-registration counseling, special lectures on student traditions, library tours, and social gatherings, in addition to the registration for courses on Wednesday. This program begins with a meeting of the entire freshman class in Memorial Hall at 8:30 a.m. on Tuesday morning, September 16, 1930. All students entering the University for the first time in the Freshman class are required to be present at this and all other appointments comprising the program of freshman week.

REGISTRATION

All students are expected to present themselves for registration *Wednesday* or *Thursday, September 17* or *18, 1930, between the* hours of 9 a.m. and 5 p.m., at the places announced in the plan for registration. Freshmen are expected to complete their registration on *Wednesday, September 17;* all others on *Thursday, September 18.* All men registering here for the first time will report for physical examination to Dr. R. B. Lawson in the gymnasium; all women will consult Mrs. M. H. Stacy, Adviser to Women, in her office in the South Building, third floor. Bills for tuition and fees must be settled within five days or the student will be required to re-register and pay the fee for late registration as indicated below. In this case the delayed registration fee is charged in the fall quar-

ter as well as in the winter and spring quarters. For the winter and spring quarters the same hours will be used for Freshmen and Sophomores on days fixed by the calendar for the registration of students. All other students must register during the examination periods in December and March according to a schedule published immediately before these examinations begin. Registration in case of such students is not considered as completed until they have attended all classes on the first day of the new quarter.

DELAYED REGISTRATION

The penalty for delayed registration for the winter and spring quarters is one month of strict probation for each day of delay. No excuses will be accepted.

Each student registering later than the day appointed for his registration for the winter or the spring quarter must pay five dollars ($5.00) as an additional fee for delayed registration.

ARRANGEMENT OF COURSES

Attention is called to the reduction of credit for Freshman and Sophomore courses when taken late in the student's career. See PART THREE, INTRODUCTORY NOTES, page 99.

Each student, when he presents himself for registration, must submit a list of courses, required and elective, which he desires to pursue.

No student will be allowed to take fewer than three nor more than three and one-half courses without special permission of his Dean.

Students desiring to change their courses must make written application to their respective Deans for the desired changes. The application will be considered by the Dean and will be granted only after a careful consideration of the facts in each case. A fee of twenty-five cents will be charged for each item of change.

ASSIGNMENT OF ROOMS

The rooms in the University dormitories are assigned to students by the Cashier in the order of application, subject to the special regulations given below.

The University reserves the right to require any student whom for any reason it considers an undesirable tenant to vacate a room in the University buildings.

In order to retain his room for the next session, a student must file with the Cashier before June 1, an application and a deposit of $5.00. By December 15 another deposit of $5.00 must be made in order to retain the room for the winter and spring quarters. Double rooms must be applied for by both intending occupants.

The rooms thus applied for will be retained until September 1 and January 1 respectively, when balance of rent is due. The $5.00 deposit will be forfeited in case the applicant or applicants do not themselves occupy the room and pay the full rent. Rooms not applied for or made vacant by failure to pay at the proper date will be assigned in the order of application.

The right to occupy a room is not transferable and terminates with the expiration of the lease. Any attempt on the part of an occupant of a room to sell or transfer his right to occupancy shall be deemed a fraudulent transaction. The penalty for violating this rule shall be the forfeiture of the room by the new lessee.

The occupant of a room will be held directly responsible for any damage done to the furniture in his room or to the room.

No dogs shall be kept in the University dormitories. Breach of this regulation leads to forfeiture of the room.

CONDUCT

By order of the Board of Trustees the Faculty is directed to dismiss from the University any student who is known to engage in drinking intoxicating liquors, gambling, hazing in any form (presence at hazing is regarded as participation), or to be guilty of dissolute conduct.

Students persistently neglectful of duty, or addicted to boisterous conduct or rowdyism may be required to leave the University.

Students, unless *bona fide* residents of Chapel Hill, when suspended from the University for disciplinary reasons, must leave the campus and Chapel Hill within forty-eight (48) hours or forfeit the right to readmission at any time. The enforcement of this regulation is in the hands of the Faculty Executive Committee.

ATTENDANCE

Regular attendance upon lectures and recitations is required of all Freshman and Sophomore students; see below for students in the upper classes.

In any quarter, absences are counted from the first regular meeting of each class. In no case will a student be considered present at any class until he has been registered as a member of that class.

The instructor concerned will notify the Dean of a student's College or School when that student has incurred absences amounting to three in a full course or two in a half-course; and will send a second notice when the student's absences amount to five in a full course or three in a half-course. When a student's absences from a class during any quarter amount to ten in a full course or six in a half-course, he may, at the discretion of the Dean of his College or School, be dropped from the course. At the same time the Dean

may secure from the Registrar's office a statement of the number of absences warranted by the University Physician's report, or by a leave of absence. Excuses for absence on account of illness, to be valid, must be reported to the Registrar's office by the University Physician; and the regulations of the University forbid the physician to grant an excuse for illness which is reported to him after the lapse of forty-eight hours from the time of the beginning of the illness. When at least half the absences of a student in any course are due to prolonged sickness or to leaves granted by the Registrar, or to representing the University as a member of an authorized student organization, the student ordinarily will not be dropped from such course.

A student who has been dropped for absences from a sufficient number of classes to reduce his schedule to one course will be suspended from the University for the remainder of the quarter on the ground of neglect of duty.

The grade of a student who quits a course without the permission of the Dean of his College or School is recorded officially as F.

The grade of a student who drops a course in which he is failing at that time shall be recorded as F, unless, in the judgment of his Dean, the reason for his failure be circumstances clearly beyond his control.

A student who is absent from any class without permission on the day immediately preceding or immediately following a holiday or recess shall go on strict probation for thirty days. Any student may appeal his case in writing within five days to the Executive Committee.

Juniors and seniors in junior and senior courses are free from the regulations governing absences from classes to the extent that such absences shall not carry any penalty imposed for absence alone. This regulation assumes that it is incumbent upon each instructor at the beginning of the quarter's work to explain to the class the nature of the work to be done in the course. It also assumes that all members of the teaching staff will coöperate with all University regulations governing absences for recognized student activities.

Attendance at chapel is required of Freshmen every week-day except Saturday and of Sophomores on Mondays and Fridays. Absence from chapel will subject the student to discipline by the Executive.

No student is allowed to absent himself from the University without written permission from the Registrar or his representative. This permission may, at the discretion of the executive officer, be granted only upon the formal request of the parent or guardian.

EXAMINATIONS

Regular written examinations are required at the end of each quarter in all courses except those the nature of which is such as to make written examinations unnecessary.

Before receiving his degree each senior in the College of Liberal Arts and each senior in the School of Commerce is required to pass to the satisfaction of his major department an examination in the field of his major study. Such a comprehensive examination may be offered to a student only once in any one quarter. This rule is effective with the class receiving degrees in June, 1930.

Special examinations may be taken by students who have received the condition grade (E) at the period of the special examinations in the week preceding the opening of the session in September.

Provided he has no conflict with a course regularly taken by him in the quarter such a student may take an examination at any regular quarter examination in the same subject within a year after he has made the grade E.

Under no circumstances may a student stand a special examination to remove a condition grade (E) between the first and the last class days in any quarter.

Special examinations for students who have been officially excused from regular examinations on account of sickness or have been absent on account of some necessary cause may be held at suitable times fixed by the Registrar and the instructors concerned. Such examinations must be taken within twelve (12) months of the date of absence.

To be entitled to take a special examination within a quarter, or at the September period, or at a regular quarter examination period, the student is required to file with the Registrar at least one week prior to the examination period a written notice that he desires to take such examination.

Final examinations except in laboratory practice may not be held at any times other than those specified in the preceding regulations.

No examinations may be held later than 6:30 p.m.

All examinations must be held in Chapel Hill.

Examinations should be limited to a period of two hours. In courses in which a considerable portion of the examination is of a *practical* nature, the instructor may extend the time in his discretion.

No students other than the following should be permitted to take the examination in any course: 1st—regularly enrolled members of the class whose names have been reported from the Registrar's office to the instructor as having registered in due form for the course; and 2nd—those whose names have been reported from

the Registrar's office as having the right to take special examinations on that course.

Students absent from an examination without an official excuse or present and failing to submit examination papers are reported "absent." This mark is equivalent in every respect to grade F or failure, and is so reckoned in the office of the Registrar.

Each student is required to subscribe his name to the following pledge or its equivalent on every paper: "I hereby certify that during this examination I have neither given nor received aid." The instructor should not report a grade for any student whose examination paper lacks this pledge.

Papers handed in at a special examination by students who have been officially excused from the regular examination will be graded. All others will be marked "passed" or "failed."

Schedules of examinations at the ends of the terms and in September are to be so arranged that examinations set for the last day of the period shall be set for the first day of the next period.

The order of examinations for the removal of conditions in September, 1930, will be as follows:

Wednesday, September 10

10 a.m.	Geology	2:30 p.m.	Chemistry
	Psychology		Commerce
	Rur. Econom.		Philosophy

Thursday, September 11

10 a.m.	Education	2:30 p.m.	Music
	English		Hist. and Govt.
	German		Mathematics

Friday, September 12

10 a.m.	Economics	2:30 p.m.	Comp. Lit.
	Romance Lang.		Greek
	Zoölogy		Physics
			Sociology

Saturday, September 13

10 a.m.	Botany	2:30 p.m.	Open
	Engineering		
	Latin		

STANDING

After the close of each quarter reports of the standings of all students in all their studies are sent to parents or guardians. The reports are based upon the following system of marking:

Grade A, Excellent.
Grade B, Good.
Grade C, Fair.
Grade D, Barely passed.
Grade E, Conditioned.
Grade F, Failed.
*Grade I, Work incomplete.

A student must attain a grade of D to pass in any study. Grade E indicates that the student is conditioned but may remove the deficiency by special examination, as explained above. Students receiving grade F must repeat the study to receive any credit for the same.

A student has the right to appeal as to grading of his examination paper by his instructor. The appeal must be made to the President within three months after the examination. The President will appoint a committee of three persons who shall consider the case and whose decision shall be final.

A student to be ranked as a Sophomore must have passed seven courses; to be ranked as a Junior, fifteen courses; to be ranked as a Senior, twenty-six courses.

No first-year student who fails to pass at least** five courses, and no other student who fails to pass seven courses or equivalent, shall be readmitted to *any division* of the University except by a special vote of the Faculty or a delegated committee of the Faculty. In case the student in addition to his resident work attends summer school or takes work by correspondence, the above requirements becomes six courses in the case of first-year students and eight in the case of other students. This delegated committee of the faculty will meet at 9:00 a.m. on the *last* Saturday in July, at 9:00 a.m. on the second day *before* the stated registration day of each quarter, on and at 9:00 a.m. the second day *after* the stated registration day of each quarter to consider written petitions of students who have definite and convincing reasons on which to base a request that the rule be waived. All petitions, except those of students in Law, Medicine, and Pharmacy, should be sent to the Dean of the College of Liberal Arts *in writing* and, to be considered, must be in his hands *before* the stated meetings in that quarter in which the student seeks admission.

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* The grade I may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes F.

** If the student is in residence all three quarters, the requirements are as stated. A first-year student in residence only two quarters must pass at least four courses; in residence one quarter, two courses. Other students in residence only two quarters must pass at least five courses; in residence one quarter, three courses.

WITHDRAWALS

Formal withdrawal, which is a prerequisite to honorable dismissal or reëntrance to this institution, must be approved by the student's Dean to be valid. Such a withdrawal will be approved only after full investigation of the circumstances and after the lapse of twenty-four hours from the time the first application is filed with the Dean.

If a student withdraws after the mid-term and has been reported as below passing (either W or X) in two or more courses, that quarter will be counted as a quarter in residence in all computations of his requirements for readmission. If a student withdraws before mid-term, it will be left to the discretion of the Dean as to whether or not that quarter is to be counted as a quarter in residence. The Dean's verdict will be indicated specifically on the form used for withdrawal.

GRADUATION

Each Senior will be officially informed by his Dean in September of all deficiencies standing against him.

The number of orations in the contest for the Mangum Medal is limited to four. The candidates must be Seniors in the College, the School of Applied Science, the School of Engineering, the School of Education, or the School of Commerce, and must announce their subjects to their respective Deans by February 1. The orations shall be delivered in private near May 1 before a committee of the Faculty, who shall decide upon the relative merits of the orations. The four successful candidates are known as the Commencement Orators of the Senior Class.

FRATERNITIES

General Regulations. Students may join fraternities after registration at the opening of any quarter or term provided they are eligible under the special regulations of the Faculty. Pledging of a student to join a fraternity is not allowed until he has been in the University a specified length of time as follows: If he matriculates for the first time in the University in the Summer School or in the fall quarter, he may not be pledged until the pledge date in October; if in the winter quarter, until a similar date in February; if in the spring quarter, until a similar date in April. No student may be pledged during the Summer School, but, if a student remains in the Summer School for the full twelve weeks, it may be counted for him as a regular quarter towards meeting the requirements as to residence. A student entering the University with advanced standing, whether he enters an academic or a professional school, may not be pledged until four weeks after the date of his

matriculation in this institution; but in no case may a student be pledged during the Summer School.

TRANSCRIPTS OF RECORD

Honorable dismissal has reference to conduct and character only. It will not be granted unless the student's standing as to conduct and character is such as to entitle him to continue in this University. Furthermore, in every statement of honorable dismissal full mention will be made of any probation, suspension, or other temporary restriction imposed for bad conduct which is still in force when the papers of dismissal are issued.

Statement of record has reference to the recorded results of a student's work in the classroom. It will in every instance contain all the important facts pertaining to the student's admission, classification, and scholarship. In particular, no partial or incomplete scholastic record (for example, with failures omitted) will be given without clear evidence that it is partial or incomplete. If the student's scholarship has been such as to prevent his continuance in this University or to render him subject to any probation, suspension, or other temporary restriction which is still in force at the date of the record, a plain statement of any and all such facts will be included, and such information will be given as will make clear the system of grades employed, the number of exercises a week devoted to each course, etc.

Transcripts of record, except the first which is furnished without cost, will be made upon payment of one dollar $(1.00) for each copy desired.

ATHLETICS

Organization

The Athletic Council, consisting of three members of the faculty appointed by the President of the University, three Alumni elected by the General Alumni Association, three undergraduate students one of whom is the President of the student body, one the President of the athletic association, and one elected by the Undergraduate Monogram Club, the Director of Athletics, and the Graduate Manager, has direct control of all matters pertaining to athletics. The faculty members of the Council constitute the committee on eligibility and their decisions are final subject to review by the general faculty only. The faculty members in conference with the President of the University have full veto power over all acts of the Council.

The University of North Carolina is a member of the Southern Conference. Therefore all participants in intercollegiate athletics must qualify under the following rules of that body.

Rules of Eligibility of the Southern Conference

The following rules apply to all sports:

Rule 1.—*Bona Fide Students.* No one shall participate in any intercollegiate contest unless he is a *bona fide* matriculated student, having presented at least 15 Carnegie units, regularly enrolled and doing full work as defined by the regulations of the institution in which he is enrolled; provided that no student shall be eligible for varsity competition unless on first entrance he presents fifteen Carnegie units by certificate or examination, and provided further that no work done after such entrance shall remove such ineligibility.

A student in special agricultural or other special courses who does not present the full entrance credits is not eligible under this rule.

Rule 2.—No person shall participate in intercollegiate athletics at an institution until after the expiration of twelve months from the date of his matriculation there, and until he shall have completed the scholastic requirements of that institution. A freshman who participates in intercollegiate athletics must have completed the full scholastic requirements for the entire freshman year before being eligible for participation in succeeding years.

Rule 3.—*Attendance.* No student having been a member of any athletic team of his college during any year and having been in attendance less than one-half of the college year shall be permitted to participate in any intercollegiate contest thereafter until he shall have been in attendance one-half of his next college year.

Note.—Attendance during Summer Sessions is not counted as "attendance" for the purpose of this rule.

Rule 4.—*Migrant Students.*

(a) No person who has participated in any intercollegiate contest or freshman contest† in any branch of sport as a member of the team of any other college* shall be permitted to participate in any intercollegiate contest in the same branch of sport as a member of a team of any Institution in this Conference.

(b) Students who have pursued courses of study at one university or college* but who have not participated in any intercollegiate contest, shall be eligible to participate in intercollegiate athletics at another institution, but only when they have satisfied the conditions as set forth in Rule 2—the one-year residence rule.

(c) Transfers from a junior college, normal school, or other institution not offering a standard four-year course may be allowed

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† For the purpose of this rule an intercollegiate contest is a contest played by the varsity or freshman team. This rule does not affect the limit of participation as defined in rule 5.

* *Definition of "College."* The word "college" as used in this code means any educational institution which offers a standard four-year course leading to a baccalaureate degree, and which requires at least fifteen Carnegie units for entrance.

to continue their athletic careers at the institution to which they transfer provided they conform to the one-year-residence rule.

(d) A student in the preparatory department of a college who plays on the freshman or varsity team of that college, if he transfers to a Conference institution, shall be regarded as a migrant student.

Rule 5.—*Limit of Participation.* Participation in intercollegiate athletics shall be limited to four years (one year freshman and three years varsity) within a five-year period counting from the time of first matriculation. Every student shall be allowed three years of varsity participation in each sport, provided such participation falls within the five-year period herein defined.

Rule 6.—*Compensation.*

(a) No person who receives any compensation from his institution for services rendered by way of regular instruction shall be allowed to participate in intercollegiate contests.

(b) No person shall be allowed to participate in any intercollegiate contest who receives any gift, remuneration, or pay for his services on a college team.

(c) No person shall be permitted to participate in any intercollegiate contest who has ever used or is using his knowledge of athletics or his athletic or gymnasium skill for gain.

Note.—This rule does not apply to any person who has done work in connection with a playground or a summer camp where the requirements do not call for a man with technical preparation in physical training.

(d) The following persons shall be ineligible to compete on any team in this Conference:

(1) Those who hold any scholarship, fellowship, or cadetship involving financial benefit which is awarded wholly or in part for athletic ability.

(2) Those who enjoy any loan fund or similar financial benefit which is awarded wholly or in part for athletic ability.

(3) Those who hold any position involving financial benefit which is awarded wholly or in part for athletic ability.

(e) Any college athlete who signs a contract or enters into an agreement, explicit or implicit, with a professional team shall not be eligible for intercollegiate athletics.

Rule 7.—*Summer Baseball.* No athlete in any Conference institution shall participate as a member of any summer baseball team without the consent of his Faculty Committee on Athletics; and such a player when given permission to play on such team shall submit at the reopening of the school term to his Faculty Committee a certified statement that he has not received pecuniary compensation therefor.

Rule 8.—No student shall be eligible to participate in intercollegiate contests if he has played on any summer baseball team

which played more than three games a week while he was a member of it. A student who plays baseball on a team which plays three games a week shall not be allowed to play on any other team during the same week.

This rule applies to regularly matriculated college students and not to students who played summer baseball before entering college.

No student who has played on a baseball team recognized by the National Baseball Commission shall be eligible for intercollegiate athletics.

To the list of professional teams thus proscribed shall be added all league teams in any State which the Conference institutions of such State declare professional and from which they debar their own players. In the events that said Conference institutions cannot agree on proscribed teams, the executive committee shall have the power to decide the issue and their action shall be final.

Rule 9.—*Assumed Name.* No person shall take part in any intercollegiate contest under an assumed name.

Rule 10.—*Delinquency in Studies.* No student who is found delinquent in his studies by the faculty shall be permitted to participate in any intercollegiate contest.

Rule 11.—*Freshman Teams.*

Freshman teams shall be composed of members of the freshman class only, who shall not compete as such for more than one year, and who shall be eligible under the general rules, with the exception of the one-year rule. For the purpose of this rule a Freshman is a student who enters the Institution from a High School or a Preparatory School.

In addition to the rules of the Southern Conference the following local rules apply to all students participating in intercollegiate athletics:

1. No student will be allowed to take part in athletic contests entailing absence from the University whose parents (or guardians) object to such participation.

2. No student may be a candidate for the baseball team unless he has been in attendance during the preceding winter quarter without the express permission of the Faculty Committee on Athletics.

3. Inasmuch as a member of an athletic team of this University enjoys special honor in thus representing the University, this privilege shall be withheld from any student whose scholastic standing is discreditable. Any student reported as deficient in a majority of his classes may be prohibited by the Dean of his school from participating in any intercollegiate contest until the deficiency is made good.

4. No team will be allowed to be absent from the University for more than ten lecture days during any quarter.

5. The manager of each athletic team shall submit to the Faculty Committee on Athletics a schedule of all engagements before positive arrangements are made.

6. No student shall play upon any athletic team except after physical examination by the University Physician.

7. Before any student can become a member or a substitute member of any athletic team of the University and take part in any intercollegiate contest he must make application to the Faculty Committee on Athletics and secure the endorsed approval of that committee to his application. It shall be the duty of the Faculty Committee on Athletics to have the Registrar of the University indorse such application to the effect that the applicant is a registered student of the University and has completed the scholastic requirements.

8. It is the duty of the Faculty Committee on Athletics to inquire into the athletic record of the applicant and it shall be the duty of the applicant to appear before the committee and answer on his honor such questions as the committee may see fit to ask.

9. It is the duty of the Faculty Committee on Athletics to require a pledge in writing of the applicant, certifying on his honor that he has never accepted, directly or indirectly, remuneration, compensatory gift, valuable consideration, or promise thereof for his athletic services. The applicant must satisfy the committee that he is in the proper and strict sense of the word an amateur before the committee indorses his application.

10. It is the duty of the graduate manager, the members of the coaching staff, the president and the treasurer of the Athletic Association, the members of the Athletic Council, the director of the gymnasium, and the captain of the team concerned to furnish the Faculty Committee on Athletics, on request, a statement to the effect that each member of an athletic team is above their suspicion as to his eligibility to represent the University as an amateur before such player shall be allowed to take part in any contest.

REGULATIONS GOVERNING DRAMATIC, MUSICAL, DEBATING, AND SIMILAR ORGANIZATIONS

1. No student will be allowed to take part in dramatic, musical, debating, oratorical, or similar events entailing absence from the University whose parents (or guardian) object to such participation.

2. Any student who was in attendance at the University during a previous quarter must have passed, during his last quarter of attendance, satisfactory examinations upon at least two full courses or their equivalent, before he will be allowed to represent the University in any dramatic, musical, debating, oratorical, or similar event of a public nature.

3. No student reported during the course of any quarter as deficient in two full courses or their equivalent may publicly represent the University in any dramatic, musical, debating, oratorical, or similar event until such deficiency is made good. For the purpose of administering this ruling, the Director of the organization concerned shall present to the Registrar at least four weeks before the given event a list of students proposed for participation in that event; the Registrar shall report to the Director of that organization at least three weeks before the event the names of ineligible students on such list, and after that date no student not so reported shall be declared ineligible.

4. No team or club will be allowed to be absent from the University more than ten lecture days during any quarter.

5. No student having membership in more than one of these organizations, or in one of these and one athletic organization will be allowed to be absent from the University more than ten lecture days during any quarter.

STUDENT GOVERNMENT

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. These functions are exercised by the Student Council and the Central Administrative Council respectively.

THE STUDENT COUNCIL, 1929-1930

Ray Farris, Chairman *ex officio*
Craig Wall, Secretary

R. L. Graham, Jr.	J. C. Quickel
L. H. Fussell	G. D. McDaniel
Craig Wall	H. E. Bolen

The Student Council is composed of eight members, as follows: Representatives of the three upper academic classes, one representative from each of the professional schools, one representative elected by the other seven members of the Council, and the President of the Student Body. The member elected by the Council must be chosen from among those who have served on the Council before. The President of the Student Body is *ex officio* Chairman of the Council.

Student government, in so far as it is disciplinary, is based upon the honor system. No code of rules is laid down to direct a student what to do and what not to do. The only standards are those of morality and gentlemanly conduct. The Student Council is the head of the honor system. It is the concrete expression of the moral University. Its members being elected of the students by the students, it is grounded upon, and gives expression to, student sentiment. The Council is not an organization of policemen, nor is it based upon a system of espionage. When any student is felt by his fellow students to be unworthy to remain in the University, the Council takes cognizance of this feeling. It examines the matter, finds the facts in the case, and decides upon the course to be pursued. If the student is found guilty of conduct unworthy of a University man, he is promptly required to withdraw from the University. Among the offenses demanding withdrawal may be mentioned drunkenness, cheating on examination, and gambling.

THE CENTRAL ADMINISTRATIVE COUNCIL, 1929-1930

1. Ray Farris, President of the Student Body, President *ex officio.*
2. Ralph C. Greene, President of the Senior Class.
3. Glenn Holder, Editor of *The Daily Tar Heel.*
4. John Mebane, Editor of *The Carolina Magazine.*

The Central Administrative Council of the student body is composed of *ex officio* members who, because of their position as duly chosen student leaders, have a large share of the responsibility for the leadership in campus life and activities during their year of office. The four men meet frequently to discuss campus problems, and to plan for the unification of the student body in various progressive measures. They call in, from time to time, other student leaders representing various phases of University life, and discuss with them their plans for their particular activity and the way in which they may better serve the University as a whole. Such meetings between student leaders, coupled with periodic assemblies of some twenty-odd student leaders and members of the Faculty Committee on Student Activities, constitute the procedure by which the expanding life of the University has been unified in form and yet kept sensitive to the needs and viewpoints of the many student interests.

PUBLIC LECTURES

THE JOHN CALVIN McNAIR LECTURES

HENRY HORACE WILLIAMS, *Chairman*

The lecture fund established by the will of John Calvin McNair, of the class of 1849, became available in 1906, and the interest herefrom rendered it possible to begin the lectures in 1908. The honorarium for the lectures amounts to $500 and the remainder of the interest from the fund provides for the suitable publication of the lectures. Under the will the objects of the lectures "shall be to show the mutual bearing of science and religion upon each other and to prove the existence of attributes (as far as may be) of God from nature."

There were no lectures on this foundation in the year 1929.

THE WEIL LECTURES

HOWARD WASHINGTON ODUM, *Chairman*

During the years 1914-1915 an unendowed lectureship on American Citizenship was established by the University. The first incumbent was ex-President William Howard Taft, who lectured on "The Presidency: Powers, Duties, Obligations, and Responsibilities." Since that time this foundation, named the Weil Lectures on American Citizenship, has been permanently established through the generosity of the families of Mr. Sol Weil and Mr. Henry Weil, of Goldsboro, N. C.

The series for 1929-1930 was delivered by Doctor Will W. Alexander of the Inter-Racial Commission. His subject was: "What Is the South?"

UNIVERSITY SERMONS

WALTER DALLAM TOY, *Chairman*

Under the auspices of a Faculty Committee, University Sermons are delivered through the year in the College Chapel by prominent clergymen.

The sermon for 1928-1929 was delivered by:

Dean Shailer Matthews, of the Divinity School of the University of Chicago.

UNIVERSITY ORGANIZATIONS

THE SENATE OF THE DIALECTIC LITERARY SOCIETY AND THE GENERAL ASSEMBLY OF THE PHILANTHROPIC LITERARY SOCIETY

The Dialectic and the Philanthropic Literary Societies were organized in 1795, the year of the opening of the University. Their existence has been inseparably linked with that of the University and they have shown remarkable power in developing character, as well as in training the intellect. They offer facilities for practice in debate, oratory, and essay writing; and their members become familiar with parliamentary law and procedure.

In 1919 the Philanthropic Society reorganized itself after the plan of the General Assembly of North Carolina, and is now the General Assembly of the Philanthropic Literary Society, and conducts its meetings as a legislative assembly. Similarly in 1924 the Dialectic Society was reorganized upon the plan of a senate and as such conducts its meetings.

Each society owns a large, handsomely furnished hall, the walls of which are hung with oil portraits of illustrious members, including a President of the United States, Cabinet members, Governors, etc.. Meetings are held by each society every Saturday evening of the college year, admission being confined to members. Public contests in debate between the two societies are conducted throughout the year, culminating in the annual Commencement debate. There is also held each year a system of intercollegiate debates and oratorical contests.

By immemorial custom students from the eastern half of the State usually join the Philanthropic Society, while those from the western half join the Dialectic Society (Chapel Hill being regarded as the dividing line). Although membership in these societies is entirely optional, it is earnestly recommended by the Faculty as furnishing unusual opportunities not only for literary culture, but also for the development of self-control and the power to persuade and control others.

ELISHA MITCHELL SCIENTIFIC SOCIETY

Robert Ervin Coker, Ph.D., *President.*

Edward Tankard Browne, Ph.D., *Vice-President.*

James Munsie Bell, Ph.D., *Permanent Secretary.*

Gerald Raleigh MacCarthy, Ph.D., *Recording Secretary and Treasurer.*

WILLIAM CHAMBERS COKER, Ph.D.
HENRY VAN PETERS WILSON, Ph.D.
OTTO STUHLMAN, JR., Ph.D.
Editors of the Journal of the Elisha Mitchell Scientific Society.

The Elisha Mitchell Scientific Society holds monthly meetings during the college year for the discussion of scientific subjects. A *Journal,* which is the official organ of the Society and of the North Carolina Academy of Science, is issued quarterly. The object of the society is to encourage scientific research and to record results of such work, especially those that pertain to the natural history of the State. The membership is at present restricted to the faculty and students of the University, and members of the staff of the State Department of Conservation and Development.

At the monthly meetings, which are held on the second Tuesday of each month, excellent opportunities are afforded the students to get beyond the ordinary routine of the classroom by hearing readings and discussions of papers resulting from the research work in all the scientific departments of the University, talks by the alumni engaged in scientific research, and discussions of the important scientific discoveries. It gives the students and faculty a broader outlook and sympathy for scientific research in fields other than their own special one, a sympathy which is impossible in the smaller departmental societies.

The *Journal* is more than a bulletin of the scientific laboratories of the University. It contains original papers on scientific subjects by scientific men and research students throughout the Southern States. It also publishes the Proceedings of the Elisha Mitchell Scientific Society and the Proceedings of the North Carolina Academy of Science, as well as abstracts of papers on scientific subjects published elsewhere by members of the faculty and alumni of the University. It is now in its forty-sixth year. The volumes already issued contain more than six thousand pages. By the exchange of the *Journal* with more than three hundred scientific journals and periodicals many thousands of books and pamphlets have been collected, all of which are arranged in the University Library.

THE NORTH CAROLINA HISTORICAL SOCIETY

ALMA STONE SKAGGS, A.B., *Permanent Secretary.*

The North Carolina Historical Society was founded in 1833 by Governor David L. Swain. When Governor Swain became President of the University, the Society was moved from Raleigh to Chapel Hill. Under his leadership it became the center of historical work in the State and the medium of many notable contributions to the history of the State. On March 22, 1875, through the activity of Kemp Plummer Battle, LL.D., the society was chartered by an act of the General Assembly. The purpose of the Society is to

collect, classify, and publish material illustrative of the history of the State. The Society possesses a valuable collection of books, pamphlets, manuscripts, newspaper files, coins, and other objects of historic interest. The educational aim of the Society is to create a love for historical study and to give training in scientific methods of historical investigation.

THE NORTH CAROLINA CLUB

James W. Williams, *President.*
Sheldon B. Hunter, Jr., *Vice-President.*
Paul W. Wager, *Secretary.*
Eugene C. Branson, *Chairman of the Steering Committee.*
Marion R. Alexander, *Chairman of the Publicity Committee.*
William E. Uzzell, *Chairman of the Membership Committee.*

The North Carolina Club was organized September 25, 1914, for the purpose of providing an open forum to review, interpret, and discuss the economic, social, and civic problems of the State. It is an organization composed of students and faculty members who are bent upon accurate, intimate acquaintance with North Carolina. The Club meets for an hour upon fortnightly Monday evenings for the reading and discussion of a paper prepared by a member. Graduate and undergraduate college credit is given for creditable work provided the student registers in advance for Club credit. The studies of the North Carolina Club are given to the public in its annual Year Book.

THE PHILOLOGICAL CLUB

James Penrose Harland, Ph.D., *President.*
Samuel Jesse McCoy, A.M., *Secretary.*
John Leroy Smith, A.M., *Treasurer.*

The Philological Club meets in the lounge of the Graduate Club on the first Tuesday evening of each month during the college year. Its membership consists of the faculty and advanced students in the language and literature departments of the University. The object of the club is to stimulate original investigation in language and literature and to afford an opportunity for the interchange of views on subjects relating to such work. At each meeting papers are read and discussed.

DER DEUTSCHE VEREIN

Rudolph Samuel Matthews, A.B., *Director and Faculty Advisor.*

The Verein was established for the purpose of maintaining and stimulating among the officers and students of the University interest in German literature and music, life and customs, progress and

achievements. The aim is to employ the German language as much as possible. The effort is made to provide students of German with an opportunity to perfect their pronunciation and to improve their control of the spoken language.

It is part of the purpose of the Verein to arrange from time to time for public lectures in German.

All officers and students of the University interested in German are eligible for membership. The Verein meets twice a month, every second and fourth Thursday, at 7:00 p.m. The meetings usually last one hour.

LE CERCLE FRANCAIS

CECIL GRADY TAYLOR, *President.*
JOHN CORIDEN LYONS, Ph.D., *Adviser.*

Le Cercle Francais holds monthly meetings at which topics of general interest pertaining to French literature and French life, manners, and customs are discussed. The French language is employed exclusively. It is the aim of the club to stimulate interest in the French language, and to provide its members with an opportunity to hear idiomatic French spoken and to use the language with more facility. All officers and students of the University interested in the study of French are eligible for membership.

EL CENTRO HISPANO

ARCHIBALD KENNETH SHIELDS, *President.*
ROBERT WHITE LINKER, *Vice-President.*
JOHN ARCHIBALD THOMPSON, *Secretary-Treasurer.*
RALPH STEELE BOGGS, *Adviser.*

The membership of El Centro Hispano consists of the instructors in Spanish, members of the community who speak the language, and students of the University who have shown distinction in courses in Spanish. The object of the club is to stimulate interest in the language, literature, and customs of Spain and Hispanic America, and to provide its members with an opportunity to hear idiomatic Spanish spoken and to use the language with more facility.

AMERICAN SOCIETY OF CIVIL ENGINEERS

The William Cain Student Chapter

CHARLES EDWARD WADDELL, JR., *President.*
CHARLES PERRY ERICKSON, *Vice-President.*
RANKIN JONES WHITE, *Secretary.*
WILLIAM EDGAR BOBBITT, *Treasurer.*

The purposes of the Chapter are to afford the student in Civil Engineering practice in the preparation and presentation of engi-

neering papers, to give a working knowledge of parliamentary law, to develop the ability to speak extemporaneously, and to provide a contact between students, faculty, and visiting engineers.

The Chapter meets bi-weekly; and six times during the year social meetings are held, to which are invited successful practising engineers.

The Chapter receives all the publications of the Society and its members are accorded the privilege of attending any of the Society meetings.

Membership is open to all students of the Civil Engineering Department.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

The University of North Carolina Branch

J. J. Alexander, *President.*
F. R. Toms, *Secretary.*

The aim of the Branch is to stimulate interest in modern problems in the various fields of electrical engineering, to provide a means for students to discuss in public various questions of a technical nature, and to give them an opportunity for practice in thinking on their feet. The Branch meets semi-monthly. The papers consist of original discussions and abstracts of papers presented before the regular Institute meetings. Membership in the Branch is open to all students who are interested in electrical engineering, and all enrolled members receive regular monthly Proceedings of the Institute.

MUSIC CLUBS

The Music Clubs consist of the Glee Club, the Orchestra, and the Band, each of which is directed by a member of the Department of Music. The music used is of the highest type and the artistic standards are those of the best amateur organizations. Music is furnished for numerous occasions on the campus, and each year concert trips are made in North Carolina and the neighboring states. Membership in these clubs is gained through competitive try-outs.

CHAPEL HILL COMMUNITY CHORUS

A union of the musical forces of the faculty, student body, and citizens of the community creates an organization which, under the direction of the head of the Department of Music, performs choral works of major character. Two performances each season by the Community Chorus, with soloists, and accompanied by the University Symphony Orchestra are given. At Christmas time Handel's oratorio "The Messiah" is given while one of the secular com-

positions is performed as a feature of Music Week, in May. Membership is by application to the executive committee.

MUSICAL ACTIVITIES

A series of free Sunday afternoon concerts is provided by the Department of Music, the concerts coming on the third Sunday of each month during the school year. These are given by members of the department, by student and student organizations, and by visiting artists.

At least one series of public lectures on musical subjects is given during each school year. During the year 1928-29 two such courses were given: a series of ten lectures on fugal writing as illustrated by Bach, and a series of ten lectures on symphonic music.

In addition to the concerts included in the Student Entertainment Course, a limited number of concerts by visiting artists are sponsored each year by the Music Department, or by Wigue and Masque or Phi Mu Alpha Sinfonia, the honorary Musical fraternity.

Wigue and Masque, a student musico-dramatic organization, produces each year an original musical comedy, with a cast made up of men and women. The book and music for this production are written by students and selected in annual competition each fall, cash prizes being offered. Membership is by election from the cast of the productions. The cast is open to all men and women in the student body through competitive tryouts.

STUDENT ENTERTAINMENT COURSE

By vote of the student body in the College of Liberal Arts and the School of Education, a fee of $1.00 a quarter is charged against each student in these two schools for the support of the Student Entertainment Course. Students in other schools may take advantage of the entertainment course at the same rate, $3.00 for the year. The administration of the resulting fund is in charge of a special committee consisting of four students from the two schools and three faculty members.

During the school year 1929-30 the program of the entertainment course was as follows: The Isadora Duncan Dancers, October 16th; The Gros Marionettes, November 21st; lecture by Bertrand Russell, December 3rd; The Ben Greet Players, January 8th; lecture by William Beebe, January 30th; concert by Ratan Devi, March 6th; Piano Recital by Helen Pugh, April 7th; concert by the Cincinnati Chamber Orchestra, May 10th; three lectures by Lorado Taft, May 19th, 20th, and 21st.

THE CAROLINA PLAYMAKERS

Frederick Henry Koch, A.M., *Director.*
Hubert Crouze Heffner, A.M., *Associate Director and Manager.*
*Samuel Selden, A.B., *Technical Director.*
Alvin Sawyer Wheeler, Ph.D., *Treasurer.*

The Carolina Playmakers is the University dramatic organization.

Its purpose, as set down in the Charter, is: "First, to promote and encourage dramatic art, especially by the production and publishing of plays; Second, to serve as an experimental theatre for the development of plays truly representative of the traditions and present-day life of the people; Third, to extend its influences in the establishment of a native theatre in other communities." It is incorporated under the laws of the State of North Carolina as a non-stock corporation. The members are President Chase, Professors Koch, Henderson, Heffner, Coates, Wheeler, Graham, and Mr. Selden, Mr. Woollen, Mrs. Paul Green, and Mr. Louis Graves.

The Carolina Folk-Plays and other plays of American locale are written and produced in the University courses in Dramatic Composition and Production, members of the community of Chapel Hill —students, faculty, and townspeople—assisting. Those who contribute to the writing or producing of the plays constitute the membership of the organization. Any student may participate in any of the various departments of the work.

The Playmakers now have their own theatre building on the campus, fully equipped for all manner of experimentation and production. Besides this, their Forest Theatre furnishes an ideal setting for out-of-door productions.

Each year The Playmakers make three tours of ten days each, one each University quarter.

YOUNG MEN'S CHRISTIAN ASSOCIATION

Advisory Board, 1929-1930

W. D. Moss, *Chairman.*
D. D. Carroll, *Treasurer.*

H. W. Chase
F. P. Graham
H. W. Odum
F. F. Bradshaw
R. B. House
H. D. Meyer
J. W. Williams (*ex officio*)
E. R. Hamer (*ex officio*)

Employed Staff

Harry F. Comer, *General Secretary.*
Aubrey A. Perkins, *Freshman Secretary.*
Grady H. Leonard, *Self-help Secretary.*
Miss Willie Ames, *Office Secretary.*

* Absent on leave, 1929-1930.

Student Officers

J. W. WILLIAMS, *President.*
J. A. LANG, *Vice-President.*
E. R. HAMER, *Treasurer.*
J. C. EAGLES, *Recording Secretary.*
Sophomore Sub Cabinet,
J. E. DUNGAN, *President.*
Freshman Sub Cabinet,
ALEXANDER WEBB, JR., *President.*

The Young Men's Christian Association is an organization of students which seeks by precept and example to encourage right and wholesome Christian living. In this spirit it endeavors to extend a helping and active influence to every sphere of campus activity, athletic, academic, social, and so on.

Not unaware of its essentially religious nature, it strives in every feasible way to make the religion of the campus very real and very genuine, and to uphold the Christian life as the ideal in conduct, thought, and temperament for every man. To those who are so inclined it offers unlimited opportunity for religious service. Through its support of rural Sunday schools, its Bible and missions studies, its religious meetings, its deputation teams to high schools, its special lectures and institutes, and its personal associations it affords every man a medium of expression in service to the Christian cause.

For an additional number it offers opportunity for community and social service. Through its work for new students, the yearly handbook and directory, bureau of employment, exchange of lost and found articles, socials, receptions, and similar activities, many students are enabled to give to the community that measure of useful service which would otherwise remain wholly unexpressed.

The Association has very greatly enlarged its program and staff in the past five years, keeping step with progress in all other departments of the University, and with the increase in student enrollment. More than 300 different men are being used this year on various committees, and the work has extended itself very greatly into the life of the community.

GENERAL ALUMNI ASSOCIATION

The General Alumni Association of the University of North Carolina was first organized in 1843. It continued with its original organization until the Civil War. Beginning again in 1875 meetings of the Association were held, usually for some emergency purpose. It appears that the General Alumni Association in 1875, destined so to continue for a number of years, was merely a meeting of a handful of interested alumni for the purpose of best serving some emergent University situation. Repeated efforts were made after 1875 to adopt some definite plan of organization with a stipulated membership, fees, officers, and a program. Some of these efforts never developed beyond paper plans, while others were actually undertaken but persisted only a short time. Finally, in 1919, a Constitution for the Association was drafted which was destined to be the actual forerunner of the Association as it is today. Three years later a full-time Executive Secretary was secured and the Central Alumni Office opened apart from any other University activity. By the end of 1925 the work of the Association had so developed as to render the old Constitution and By-Laws obsolete. A special committee was created to draft a final plan for the organization of the General Alumni Association. This was reported and adopted at the General Assembly of the Association on November 20, 1926.

The General Alumni Association is interpreted to include all the local associations holding charters from the General Association, the Alumni Class Secretaries Bureau, the Alumni Loyalty Fund Council, those in charge of any alumni project which has the sanction of the General Assembly, and such additional activities as the Association may initiate, or authorize others to initiate, within the alumni body. By way of summary, the Association includes the composite of all activity carried within the alumni body whether the work is conducted by the Association through its regularly established agencies, or conducted by some other agency but with the sanction of the General Assembly; for the Association presumes to control all activity within the alumni body.

The general purposes of the Association, as stated in its present Constitution, are those which have been usually regarded as its purposes since the first meeting in 1843, although the emphasis has shifted from time to time. In exact phrase they are stated as being "to perpetuate the friendships formed in collegiate years, to promote the welfare of the University of North Carolina and its alumni, and to promote the cause of education generally."

The rather liberal interpretation of *alumnus,* usual throughout the country, has been adopted by the General Alumni Association

in its conception of its purpose and in its definition of the groups from which its membership is derived. Active members may be recruited from the holders of any degree from the University of North Carolina awarded in course, former students who pursued courses leading to regular degrees, students of any summer law school prior to 1926, and special students during regular sessions. In addition honorary membership may be accorded non-alumni from the following groups: honorary degree holders, trustees and ex-trustees, members and ex-members of the University faculty, officers of the University, and such others as may be elected at any regular General Assembly of the Association.

The active membership of the Association is identical with the membership of the local associations holding charters from the General Association, and such others, beyond the reach of any organized chapter, as are willing to identify themselves with the work of the Association. In previous years every alumnus of the University has been assumed to be a member of the Association. Today membership in the Association is regarded rather as a matter of willingness on the part of individual alumni to assume a part of the financial and other responsibility incident to carrying out the general purposes of the organization.

The affairs of the Association are controlled by its annual General Assembly, meeting in the fall, to which the local associations and the classes with permanent organizations are entitled to send delegates. Under the present arrangement there is a total of about 180 votes cast in the General Assembly, but each class or local association may send as many delegates to the Assembly as it chooses. In addition to legislating for the General Association, the annual Assembly is a forum for a free and full discussion of all matters germane to the purposes of the organization. There is a Board of Directors, composed of twenty-two members, which serves as the executive body for the Association. This meets as conditions require. Twelve of its members represent the local associations, divided into twelve districts constituted according to alumni population and geographical proximity. Three represent the Alumni Class Secretaries Bureau. Six of the Directors are elected from the Association at large by the General Assembly. The most recent living ex-president is a member of the Board of Directors, *ex officio*.

The Association maintains an executive office in Chapel Hill, designated the Central Alumni Office, and edits monthly from October to July the *Alumni Review*. It also has three representatives on the University Athletic Council.

Further information regarding the General Alumni Association, officers, committeemen, and its full constitution and by-laws may be had upon application to its Executive Secretary, Drawer 832, Chapel Hill. The executive office is located in suite 208 in the South Building.

PART THREE

COURSES OF INSTRUCTION—UNDERGRADUATE AND GRADUATE

In this section are listed and described all courses offered in the regular sessions of the University except those in the professional schools of Law, Medicine, and Pharmacy. For courses in these schools see PART FIVE.

NOTES ON THE METHOD OF NUMBERING AND COUNTING COURSES

A *course* meets five or six times a week; a *half-course* meets three times a week. Two hours of laboratory or field work count as one meeting. All work is credited toward degrees either as whole or as half courses in accordance with the principles stated above.

In the event that required freshmen subjects are taken after a student begins his junior year in the University or required sophomore subjects after he begins his senior year, such subjects carry half credit only. This rule applies to the class registered as freshmen in the year 1925-1926 and to all later registrants.

Courses with a double number are completed in two quarters, and in general credit will not be given until both quarters have been completed; for example, History 1-2. Certain of these courses meet only three times a week and together count as one course. Courses which meet five or six times a week for two quarters carry a credit of two courses.

Courses with three numbers require three quarters to complete, and in general credit will not be given for the work of one or two quarters only. Those meeting five times a week carry a credit of three courses. Those meeting only three times a week carry a credit of one and a half courses.

Courses numbered 1-99 are undergraduate courses and may not be counted for graduate credit except by previous arrangement with the Head of the Department concerned and the Dean of the Graduate School.

Courses numbered 100 and above are of strictly graduate grade. An undergraduate student may not register for such a course except by special permission of the instructor in the course and the Head of the Department.

DEPARTMENT OF BOTANY

Professors COKER, TOTTEN; Associate Professor COUCH; Teaching Fellow MATTHEWS; Assistants MISS HOLLAND, KESSLER, MORGAN, RHODES, SMITH, and MISS WARD.

Courses for Undergraduates

1. GENERAL BOTANY. Freshman, Sophomore, Junior, and Senior elective.

An introduction to the structure and classification of plants. Lectures with laboratory and field work. *Four lecture and four laboratory hours a week, fall or spring quarter. Laboratory fee, $4.00.* Professors Coker, Totten, Couch, Miss Holland, Messrs. Kessler, Morgan, Rhodes, Smith, and Miss Ward.

2. STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Sophomore, Junior, and Senior elective. Prerequisite, Botany 1.

Structure and classification of seed plants with special attention to agricultural problems. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $4.00.* Professors Coker, Totten.

2A. SUMMER FIELD COURSE IN BOTANY. Sophomore, Junior, and Senior elective. Prerequisite, one course in general botany or in general biology.

An eight weeks course in the study and identification of the seed plants from North Carolina to California. Lectures, field work, preparation of herbaria, and reports. Mr. Totten.

This course is given under the Extension Division of the University. For further details of the course consult either Professor Totten or the Director of the Extension Division, University of North Carolina.

10-11. For description of courses 10-11, see School of Pharmacy.

Courses for Graduates and Advanced Undergraduates

4, 5, 6. STRUCTURE AND DEVELOPMENT OF THE FUNGI. Prerequisite, Botany 1.

A study of the morphology of the fungi with special attention to plant diseases, to the culture and development of the lower fungi, and to the identification of mushrooms. Lectures and laboratory and field work. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Two lecture and six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Professors Coker, Couch.

8. SEMINAR, STUDIES IN THE HISTORY OF BOTANY. Prerequisite, two courses in botany.

Readings and reports. This course may be continued for more than one year as the subject advances, credit being given for each repetition. *Three hours a week, winter quarter.* Professor Coker.

21. STRUCTURE, GROWTH, AND CLASSIFICATION OF THE LIVERWARTS. Prerequisite, Botany 1.

Two lecture and six laboratory hours a week, winter quarter. Laboratory fee, $4.00. Professors Coker, Couch.

22. STRUCTURE, GROWTH, AND CLASSIFICATION OF THE MOSSES. Prerequisite, Botany 1.

Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $4.00. Professors Coker, Couch.

23. STRUCTURE, GROWTH, AND CLASSIFICATION OF THE FERNS. Prerequisite, Botany 1.

Two lecture and six laboratory hours a week, fall quarter. Laboratory fee, $4.00. Professors Coker, Couch.

Courses Primarily for Graduates

107-108-109. PLANT MORPHOLOGY.

Advanced work in the embryology and anatomy of plants. The student is required to collect and prepare material for the microscopic study of special problems. Theses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Professor Coker.

110-111-112. GRADUATE RESEARCH.

Original work, with thesis, under the guidance of the instructor. This course may cover most of the work of the student for several years, credit being given each year in accordance with the work done. *Laboratory fee, $4.00 a quarter.* Professor Coker.

DEPARTMENT OF CHEMISTRY

Professors BELL, VENABLE, WHEELER, CAMERON, VILBRANDT; Associate Professors DOBBINS, EDMISTER; Assistant Professors CROCKFORD, BOST; Teaching Fellows GILREATH, PARKER, WILLIAMS; Assistants ERGLE, GALLENT, LJUNG, MATTOX, ABERNETHY, BRAWLEY, HOFFMAN, JOYNER, KING, MCLELLAN, MARTIN, PERRY, SANDERS, SMITH.

Courses for Undergraduates

1-2. GENERAL DESCRIPTIVE CHEMISTRY.

An introduction to the study of the principal non-metallic and metallic elements and their compounds. Lectures with laboratory work. *Four lecture and four laboratory hours a week, fall and winter or winter and spring quarters. Laboratory fee, $5.50 a quarter.* Professors Bell, Venable, Cameron, Dobbins, Edmister, Crockford; Messrs. Perry, McLellan, Smith, Brawley, Parker, Sanders, Williams, Gilreath, Gallent, King, Hoffman, Joyner, Miss Chapin.

6. GENERAL CHEMISTRY.

Continuation of Chemistry 1-2 for S.B. Chemistry students only, with readings from selective German texts. *Five hours a week, spring quarter.* Professor Edmister.

7. INORGANIC CHEMISTRY. Prerequisite, Chemistry 1-2.

A detailed study of inorganic chemistry from the standpoint of the Periodic System. Required of S.B. Chemistry students. Elective for students in A.B., A.B. in Education, or S.B. Chemical Engineering courses. *Five lectures a week, fall quarter.* Professor Cameron.

13. CHEMISTRY OF FOODS. Prerequisite, Chemistry 61.

Digestion processes, and the composition, preservation, adulteration, and industrial production of foods. *Five hours a week, spring quarter.* Professor Bost.

21-22-23. RESEARCH FOR SENIORS. Prerequisite, Chemistry 45, 46, 61, 62, 81, 82.

Twelve laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter. Professors Bell, Wheeler, Cameron, Dobbins, Vilbrandt, Edmister, Crockford, Bost.

31. QUALITATIVE ANALYSIS. Prerequisite, Chemistry 1-2.
Laboratory work and lectures. *Three lecture and six laboratory hours a week, fall or spring quarter. Laboratory fee, $10.00.* Professor Dobbins, Messrs. Ljung, Gilreath.

32. CHEMICAL EQUATIONS. Prerequisite, Chemistry 41, 42.
A detailed study of the reactions of the elements and their compounds. Lectures and text-books. *Five hours a week, spring quarter.* Professor Dobbins.

41. ELEMENTARY QUANTITATIVE ANALYSIS. Prerequisite, Chemistry, 31.
Gravimetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Dobbins, Messrs. Ljung, Martin, Gilreath.

42. ELEMENTARY QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 31.
Volumetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professor Dobbins, Messrs. Ljung, Martin, Gilreath.

45. TECHNICAL QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 41, 42.
Water, coal, petroleum products, gas, iron, and steel. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Vilbrandt, Mr. Abernethy.

46. TECHNICAL QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 41, 42.
Ore assay, fertilizer, cotton products, and food analysis. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professor Vilbrandt, Mr. Abernethy.

47. OPTICAL METHODS OF ANALYSIS. Prerequisite, Chemistry 41.
Microscopic, and Microchemical Methods. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Vilbrandt, Mr. Abernethy.

61. ORGANIC CHEMISTRY. Aliphatic Series. Prerequisite, Chemistry 31.
Required of students in the S.B. Chemistry, S.B. Medicine courses. *Three lecture and six laboratory hours a week, fall or winter quarter. Laboratory fee, $10.00 a quarter.* Professors Wheeler, Bost, Messrs. Ergle, Mattox, Smith.

62. ORGANIC CHEMISTRY. Aromatic Series. Prerequisite, Chemistry 61.
Required of students in the S.B. Chemistry course. *Three lecture and six laboratory hours a week, winter or spring quarter. Laboratory fee, $10.00 a quarter.* Professors Wheeler, Bost, Messrs. Ergle, Mattox, Smith.

66. ORGANIC CHEMISTRY. Prerequisite, Chemistry 61, 62.
Selected reading in Organic Chemistry from German texts. For S.B. Chemistry students only. *Five hours a week, fall quarter.* Professor Wheeler.

81, 82. ELEMENTARY PHYSICAL CHEMISTRY. Prerequisite, Chemistry 41, 42.
Study of the properties of solids, liquids, and gases, and of their relation to chemical constitution. *Three lecture and six laboratory hours a week,*

winter and spring quarters. Laboratory fee, $7.00 a quarter. Professors Bell, Crockford.

86. PHYSICAL CHEMISTRY. Prerequisite, Chemistry 81.
Selected reading in Physical Chemistry from French texts. For S.B. Chemistry students only. *Five hours a week, spring quarter.* Professor Bell.

Courses for Graduates and Advanced Undergraduates

11, 12. CHEMICAL TECHNOLOGY. Prerequisite, Chemistry 45, 46, 61, 62.
The methods and economics of the chemical industries; lectures and laboratory work. *Three lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, $7.00 a quarter.* Professor Vilbrandt.

18. HISTORY OF CHEMISTRY. Prerequisite, Chemistry 61, 62, 81, 82.
History of Chemistry, with discussion of the development of chemical theories. *Three hours a week, spring quarter.* Professor Venable.

63. IDENTIFICATION OF PURE ORGANIC COMPOUNDS. Prerequisite, Chemistry 61, 62.
Lectures and laboratory. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Bost.

64. CHEMISTRY OF DYESTUFFS. Prerequisite, Chemistry 61, 62.
Lectures and laboratory. (Given in 1929-1930 and in alternate years.) *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professors Wheeler, Bost.

65. ADVANCED TOPICS IN ORGANIC CHEMISTRY. Prerequisite, Chemistry 61, 62.
Lectures and laboratory. (Given in 1930-1931 and in alternate years.) *Three lectures and four laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professors Wheeler, Bost.

67, 68. ADVANCED ORGANIC PREPARATIONS. Prerequisite, Chemistry 61, 62.
Laboratory course. *Six laboratory hours a week, winter and spring quarters. Laboratory fee, $10.00 a quarter.* Professors Wheeler, Bost.

83. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 81, 82.
Lectures and text-books. *Five hours a week, fall quarter.* Professor Crockford.

84. ELECTROCHEMISTRY. Prerequisite, Chemistry 81, 82.
Lectures and text-books. *Five hours a week, winter quarter.* Professor Crockford.

85. ELECTROCHEMISTRY. Prerequisite, Chemistry 84.
Laboratory course in Electrochemistry to follow the lecture course, Chemistry 84. *Six laboratory hours a week, spring quarter. Laboratory fee, $7.00.* Professor Crockford.

Courses in Chemical Engineering

1. FUELS, METALLURGY, AND METALLOGRAPHY. Corequisite, Chemistry 45.
A study of the preparation, combination, costs, and utilization of fuels, the microscopic structure of ferrous and non-ferrous alloys and the effects of composition, heat treatment, and mechanical work upon these structures and the

physical properties of these ferrous alloys. A portion of the course is devoted to laboratory study and heat balance studies on power plants. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $7.00.* Professor Vilbrandt, Mr. Abernethy.

2. CHEMICAL ENGINEERING EQUIPMENT AND INFORMATION. A study of different types of equipment and materials of construction, such as wood, cement, stone ware, enamel ware, etc., such as are used in chemical industries. A study of original sources of information—patent literature, government reports, bibliographies, trade catalogs, abstract journals, libraries, activities of technical organization, etc. A series of inspection trips to chemical industries in this state will be taken by the group, written reports to be made on the survey. *Six hours a week, spring quarter.* Professor Vilbrandt.

3abc. PRINCIPLES OF CHEMICAL ENGINEERING. Prerequisite, Chemical Engineering 1 and 2.
A study of the theories of combustion, fluid flow, heat flow, filtration, evaporation, distillation, etc. *Three hours a week, fall, winter, and spring quarters.* Professor Vilbrandt.

6. CHEMICAL ENGINEERING LABORATORY. Prerequisite, Chemical Engineering 3abc.
Efficiency studies on chemical equipment, plant erection studies, and unit process work in the laboratory. *Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor Vilbrandt.

7. SPECIAL PROBLEMS. Corequisite, Chemical Engineering, 6.
Reading, reports, and laboratory work on selected chemical engineering subjects. A group of optional studies are available for the selection of the student: dyes, cellulose, foods, ceramics, petroleum, pyrometry, electrochemistry. *Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor Vilbrandt.

Courses Primarily for Graduates

111abc. RESEARCH IN INDUSTRIAL CHEMISTRY.
This course (or 121abc, 141abc, 161abc, 181abc) is intended for applicants for advanced degrees. Laboratory work with frequent conferences with the professor and reference to the literature relating to the subject of research. The subject of research must be assigned or approved by the professor. This course extends throughout the year. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Vilbrandt.

112abc. ADVANCED TECHNICAL CHEMISTRY. Prerequisite Chemistry 11, 12.
Seminar course: readings and discussions of recent advances in technical chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Vilbrandt.

121abc. RESEARCH IN INORGANIC CHEMISTRY.
The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Edmister.

122abc. ADVANCED INORGANIC CHEMISTRY. Prerequisite, Chemistry 32.
Seminar course: readings, reports, and discussions of recent advances in inorganic chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Edmister.

141abc. RESEARCH IN ANALYTICAL CHEMISTRY.
The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Dobbins.

142abc. ADVANCED ANALYTICAL CHEMISTRY. Prerequisite, Chemistry 45, 46.
Seminar course: readings and discussions of recent advances in analytical chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Dobbins.

161abc. RESEARCH IN ORGANIC CHEMISTRY.
The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professors Wheeler, Bost.

162abc. ADVANCED ORGANIC CHEMISTRY. Prerequisite, Chemistry 63, 64.
Seminar course: readings and discussions of special chapters in organic chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professors Wheeler, Bost.

181abc. RESEARCH IN PHYSICAL CHEMISTRY.
The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professors Bell, Cameron, Crockford.

182abc. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 83, 84.
Seminar course, readings and discussions of recent advances in thermodynamics. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Bell.

183abc. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 83, 84.
Seminar course, readings and discussions of recent advances in electrochemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Crockford.

184abc. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 83, 84.
Seminar course, readings and discussions of recent advances in phase rule and colloid chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Cameron.

DEPARTMENT OF CLASSICAL LANGUAGES AND LITERATURES

Professors HOWE, BERNARD, HARRER, HARLAND; Associate Professor SANDERS; Instructor GRIFFIN; Teaching Fellow CHEEK.

GREEK

Courses for Undergraduates

1-2. GREEK FOR BEGINNERS.
A double course for students who have had no opportunity to study Greek. This double course may be counted for credit toward the A.B. degree provided it is followed by Greek 3, 4, 5. It may be counted for credit as an elective by students who have selected for their language requirement two other foreign languages. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Bernard, Mr. Griffin.

3. INTERMEDIATE GREEK: HOMER. Freshman and Sophomore elective. Prerequisite, Greek 1-2 or the equivalent.

Homer's Iliad, selections. *Five hours a week, fall quarter.* Professors Bernard, Harland.

4. INTERMEDIATE GREEK: GREEK PROSE. Freshman and Sophomore elective. Prerequisite, Greek 3.

A course continuing the purpose of Greek 3, to increase the student's proficiency in reading the language while at the same time leading him into the best literature. *Five hours a week, winter quarter.* Professors Bernard, Harland.

5. PLATO. Sophomore and Junior elective. Prerequisite, Greek 3-4.

Apology and Crito with selections from the other Socratic dialogues. The course is designed for a more critical study of Greek prose and the thought movements which culminated in the Socratic teaching. *Five hours a week, spring quarter.* Professor Bernard.

6. INTRODUCTION TO GREEK DRAMA. Sophomore and Junior elective. Prerequisite, Greek 3-4.

Three tragedies and one comedy will be studied. This course may be substituted, with the approval of the Professor of Greek, for the fifth course of the foreign language requirements. *Five hours a week, one quarter, on application.* Professor Bernard or Professor Harland.

7. THE GREEK NEW TESTAMENT. Sophomore and Junior elective. Prerequisite, Greek 3-4.

St. Mark's Gospel, with selections from other parts of the New Testament. This course is designed for students who wish a more intimate knowledge of the Bible in its original language and especially for divinity and Y. M. C. A. students. With the approval of the Professor of Greek it may be substituted for the fifth course of the foreign language requirement. *Five hours a week, one quarter, on application.* Professor Bernard or Mr. Griffin.

8. HOMER: ADVANCED COURSE. Sophomore, Junior, and Senior elective. Prerequisite, Greek 3-4.

Rapid reading of the entire Odyssey with Homeric Study. *Five hours a week, one quarter, on application.* Professor Harland or Professor Bernard.

Courses for Graduates and Advanced Undergraduates

21-22. GREEK DRAMA: ADVANCED COURSE. Prerequisite, Greek 6.

An extended reading and study of the Greek drama, with lectures on the origin, history, and structure of the drama. *Five hours a week, two quarters, on application.* Professor Bernard.

30. GREEK HISTORY. Prerequisite, Greek 1-5 or the equivalent.

Selections from the Greek Historians, chiefly Herodotus, will be read and reports will be made on related topics in Greek History. *Five hours a week, fall quarter, on application.* Professor Harland.

31. GREEK HISTORY. Prerequisite, Greek 1-5 or the equivalent.

Selections from Thucydides will be read and the history of Athens and Sparta will be reviewed with a view to explaining the underlying causes of the Peloponnesian War. *Five hours a week, winter quarter, on application.* Professor Harland.

43. THE GREEK NEW TESTAMENT. Prerequisite, Greek 7.

The Acts of the Apostles: study of grammar and diction and comparison with English versions; the Gospels, with selections from the Epistles; the principles of textual criticism, sources and history of the Greek text and the versions. *Five hours a week, one quarter, on application.* Professor Bernard.

Courses Primarily for Graduates

101abc. GREEK SEMINAR.

This course is devoted to the study in detail of particular authors or periods in Greek literature, the subject matter varying from year to year. It calls for wide reading in the Greek authors selected and in the critical literature concerning them, with oral and written reports. Lectures and conferences. Professors Bernard, Harland, Sanders.

(For additional courses see under Courses Requiring no Knowledge of the Greek or the Latin Languages, pages 109-110, and under Comparative Literature, pages 110-111. Attention is called also to courses in Comparative Philology offered by the Department of German. See page 151.)

LATIN

Courses for Undergraduates

1. SELECTIONS FROM CICERO'S ORATIONS. Freshman elective.

Review of grammatical principles, vocabulary, prepared and sight translation. This course is designed for those students who present 2 units only in Latin for entrance, and will count for credit provided it is followed by courses 2 and 3. *Five hours a week, every quarter.* Professor Howe (Chairman).

2. SELECTIONS FROM VIRGIL'S ÆNEID. Freshman elective. Prerequisite, Latin 1 or the equivalent.

A continuation of Latin 1: translation, hexameter, content of the Æneid, epic form. Students who present 3 units only in Latin for entrance begin with this course, and may count it for credit provided it is followed by Latin 3. *Five hours a week, every quarter.* Professor Howe (Chairman).

3. LATIN POETRY. Freshman and Sophomore elective. Prerequisite, Latin, 1-2 or the equivalent.

This course comprises the reading of selections from the leading poets of the Classical Period. Emphasis is put on content and literary form. Students who present 4 units of Latin for entrance begin with this course and may count it for credit provided it is followed by Latin 4. *Five hours a week, every quarter.* Professor Harrer (Chairman).

4. POST-AUGUSTAN PROSE. Freshman and Sophomore elective. Prerequisite, Latin 1-3 or the equivalent.

The course is concerned with the translating of selections from the works of Tacitus and Pliny; but emphasis is placed on the literary values also of the works read, and on the political and social conditions of the period. *Five hours a week, every quarter.* Professor Harrer (Chairman).

5. ROMAN LAW. Prerequisite, Latin 1-3. The course is a Sophomore option of A.B.-LL.B. students, and is open to other students who have satisfied the prerequisite.

The course deals with the general principles and the historical development of Roman law. The work consists of the translation of selected passages in the legal literature, readings, and lectures. *Five hours a week, winter quarter.* Professor Harrer.

6. ROMAN SATIRE. Sophomore, Junior, and Senior elective. Prerequisite, Latin 1-3.

Readings from Horace, Petronius, Persius, Juvenal; occasional lectures. This course alternates with course 7. *Five hours a week, fall quarter.* Professor Sanders.

7. CICERO'S LETTERS. Sophomore, Junior, and Senior elective. Prerequisite, Latin 1-3.

The reading of selected letters and discussions of the history and politics of the time. This course alternates with course 6. (Not offered in 1930-1931). *Five hours a week, fall quarter.* Professor Sanders.

11. COURSE FOR TEACHERS. Prerequisite, Latin 1-3.

The course is concerned with pronunciation, forms, syntax, prosody, the art of translating, methods of instruction. *Five hours a week, fall quarter.* Professor Howe.

Courses for Graduates and Advanced Undergraduates

12. ROMAN HISTORICAL LITERATURE. Prerequisite, Latin 1-3.

A study of the structure, purposes, and methods of the most significant works. Translation and reading in English from the literature, reports, lectures. The course alternates with course 13. *Five hours a week, fall quarter.* Professor Harrer.

13. ROMAN DRAMATIC LITERATURE. Prerequisite, Latin 1-3.

A study of the development of Latin comedy and tragedy: reading of selected plays. The course alternates with course 12. (Not offered in 1930-1931). *Five hours a week, fall quarter.* Professor Harrer.

19. PROSE WRITINGS OF THE REPUBLIC. Prerequisite, Latin 1-3.

An account of the development of prose literature from Cato to Cicero, with special studies of certain types and readings from the chief works. *Five hours a week, winter quarter.* Professor Sanders.

20. CICERO: POLITICAL CAREER AND WORKS. Prerequisite, Latin 1-3.

A study of Cicero, as statesman and advocate. Selected letters, as well as a number of orations, will be read. *Five hours a week, spring quarter.* Professor Harrer.

30. MEDIÆVAL LATIN. Prerequisite, Latin 1-3, or the equivalent.

The course is principally concerned with translating from the Latin works of leading authors of the Middle Ages, and with some study of the chief differences between Classical and Mediæval Latin. *Five hours a week, winter quarter.* Professor Harrer.

Courses Primarily for Graduates

100. PROBLEMS OF RESEARCH.

The purpose of this course is to acquaint the student with the general field of classical studies and with the opportunities and methods of research. Typical problems will be reviewed, the nature and value of evidence discussed, and papers on assigned topics prepared. *Five hours a week, fall quarter.* Professor Howe or Professor Harrer.

101-102-103. LATIN SEMINAR.

The course in each quarter is devoted to the study in detail of a particular author or period in Roman literature, the choice of subject being determined, as far as possible, by the needs of the group. Typical subjects of recent years have been: Catullus, Lucretius, Cicero, Virgil, Horace, The Elegists, Tacitus, Post-Augustan Prose, Post-Augustan Poetry, etc. *Five hours a week, fall, winter, and spring quarters.* Professors Howe and Harrer.

104. LATIN EPIGRAPHY.
The aim of the course is to acquire facility in the deciphering and translating of inscriptions, to study in detail a selection of significant inscriptions and their values in the field of Roman studies. *Five hours a week, fall quarter.* Professor Harrer.

105. LATIN PALEOGRAPHY.
The aim of the course is a study of the more important scripts, practice in decipherment, and the methods of textual criticism. *Five hours a week, one quarter, on application.* Professor Harrer.

For additional courses see below under Courses Requiring no Knowledge of the Greek or the Latin Language and Courses in Comparative Literature, pages 110-111. Attention is called also to courses in Comparative Philology offered by the department of German. See page 151.

Courses Requiring no Knowledge of the Greek or the Latin Language

The following courses in classical literature and civilization are especially designed to supply the necessary foundation for those who, without a reading knowledge of the ancient languages, wish a broader culture, or plan to specialize in modern literature, history, art, etc. When properly approved, they will be allowed to count as part of the major requirement in other departments. They may be taken also to satisfy the requirement of a minor in literature. (See also under Comparative Literature, pages 110-111.)

14. GREEK LITERATURE. Junior and Senior elective. Open to Sophomores by permission.
A study of the masterpieces of Greek literature in English translation, with special reference to the contribution of Greece to modern thought. *Five hours a week, fall quarter.* Professor Bernard. (The course is the same as Comparative Literature 14.)

15. LATIN LITERATURE. Junior and Senior elective. Open to Sophomores by permission.
A study of the masterpieces of Latin literature in English translation, with special reference to the contribution of Roman civilization to modern thought. *Five hours a week, winter quarter.* Professor Howe. (The course is the same as Comparative Literature 15.)

16. GREEK AND ROMAN ART. Junior and Senior elective.
A course which aims to set forth the universal æsthetic principles as illustrated in the masterpieces of Greek and Roman art, with discussions of the æsthetic theories of the classical writers. *Five hours a week, one quarter, on application.* Professor Bernard.

17. GREEK LIFE. Junior and Senior elective.
The course will be practically a survey of Hellenic civilization. The house, dress, education, social life, mythology, religion, theatre, games, etc., will be studied, especial attention being given to life in Athens in the Fifth Century B.C. Illustrated lectures, discussions, and required readings. *Five hours a week, on application.* Professor Harland.

18. ROMAN CIVILIZATION. Junior and Senior elective.
The course deals with the public institutions, the political and social conditions, and the private life of the Romans, their buildings, living conditions, amusements, manners and customs, and religion. *Five hours a week, spring quarter.* Professor Harrer.

25. GENERAL ARCHÆOLOGY. Junior, and Senior elective.
An introductory course in which the art and architecture of Egypt, Mesopotamia, Greece, and Rome will be studied. Illustrated lectures on the monuments will be supplemented by lectures on the history and civilization of the various peoples. Discussions and required reading. *Five hours a week, fall quarter.* Professor Harland.

26. GENERAL ARCHÆOLOGY. Junior, and Senior elective.
This course is a continuation of course 25. *Five hours a week, winter quarter.* Professor Harland.

27. GREEK ARCHÆOLOGY. Junior, and Senior elective.
This course will deal with the architecture, sculpture, painting, and vases of Greece. The historical development of the art of Greece will be studied, and Greek art will be presented as one phase of the civilization of the ancient Hellenes. *Five hours a week, spring quarter.* Professor Harland.

36. GREEK DRAMATIC LITERATURE. Junior, Senior, and Graduate elective.
A course designed to embrace the origin, development, technique, and content of Greek drama, with emphasis on tragedy. An interpretation of Greek life and thought as contributing to world progress. *Five hours a week, winter quarter.* Professor Bernard.

51. THE LATIN EPIC. Junior, Senior, and Graduate elective.
The history of the Latin Epic; detailed study of the *Æneid. Five hours a week, spring quarter.* Professor Howe.

53. PLATO IN ENGLISH TRANSLATION. Junior, Senior, and Graduate elective.
A course designed to lead the student into Platonic philosophy and literary criticism. *Five hours a week, spring quarter.* Professor Bernard.
NOTE. Greek 14, 36, and 53 may also be taken as graduate courses. In such cases the scope of the work in them will be considerably expanded and concentrated on some special phase of the subject required.

DEPARTMENT OF COMPARATIVE LITERATURE

Professors HOWE (Chairman), FOERSTER, KOCH, BERNARD, LEAVITT, HOLMES, THRALL, TAYLOR, JONES, GARRETT; Associate Professor ADAMS; Assistant Professors LYONS, BOGGS.

Courses for Undergraduates

14, 15. CLASSICAL LITERATURE. Junior and Senior elective. Open to Sophomores by permission.
A study of masterpieces of Greek and Latin literature in English translation, with special reference to the contribution of ancient civilization to modern thought. *Five hours a week, fall and winter quarters.* Professors Bernard, Howe.
(Attention is called to Greek 36, Greek Dramatic Literature.)

16. ORIENTAL LITERATURE. Junior and Senior elective.
The epics, dramas, etc. of the Hindus, Chinese, and other peoples are studied for their revelation of the Oriental outlook on life, and for their contribution to Occidental literature and thought. (Given in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

40. EUROPEAN REALISTIC NOVEL. Junior and Senior elective.
A survey of the development of realism in continental Europe, with special emphasis upon the French and Russian novelists. Novels will be read in translation, but a reading knowledge of French, though not required, is desirable. *Five hours a week, winter quarter.* Professor Jones.

Courses for Graduates and Advanced Undergraduates

54. THE MIDDLE AGES. Junior, Senior, and Graduate elective. This course alternates with course 57.
A survey of mediæval France, England, Germany, Spain, Italy, and Byzantium, from the point of view of civilization and especially of art and literature. (Given in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

57. THE RENAISSANCE. Junior, Senior, and Graduate elective. This course alternates with course 54. It is the same as History 36.
An account of the establishment of modern European culture. Lectures on the history, science, fine arts, literary scholarship, and literature of the Renaissance in Italy, France, Germany, the Netherlands, and England. (Given in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professors Holmes (Chairman), Bernard, Taylor, Thrall, Garrett, Adams, Lyons.

58. CERVANTES AND ENGLISH LITERATURE. Junior, Senior, and Graduate elective.
The Romances of Chivalry in Spain; Cervantes' *Don Quixote* and its influence upon the work of Fielding, Smollett, and Sterne. The *Novelas Ejemplares* as a source of plots for Restoration dramatists. *Five hours a week, fall quarter.* Professor Leavitt.
(Attention is called to English 85, Arthurian Romances.)

68. COMPARATIVE DRAMA. Junior, Senior, and Graduate elective.
A general survey of the drama and the theatre from Aeschylus to Ibsen. Special attention is given to the function of the drama in representative plays of the leading European dramatists. *Five hours a week, winter quarter.* Professor Koch.

71. THE MODERN DRAMA. Junior, Senior, and Graduate elective.
A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

78. LITERARY CRITICISM. Junior, Senior, and Graduate elective.
The principles which have animated classical, romantic, and realistic literature. *Five hours a week, spring quarter.* Professor Foerster.

85. INTRODUCTION TO FOLKLORE. Senior and Graduate elective.
A study of folk literature and its cultural significance; of the theories of origin of themes; of the various types, such as the ballad, legend, myth, tale, and proverb. Methods of gathering folklore are evaluated. *Five hours a week, winter quarter.* Professor Boggs.

90. DIRECTED READING. Open only to Seniors and Graduates who receive permission from the Chairman of the Department. *Equivalent of three hours a week, fall, winter, and spring quarters.*
NOTE. Attention is also called to the following courses: Latin 51 (The Latin Epic), Latin 52 (The Poetry of Ovid), Greek 53 (Plato), Italian 56 (Dante), in all of which the reading is done in translations.

Courses Primarily for Graduates

117. STUDIES IN NINETEENTH CENTURY ROMANTICISM IN ENGLAND.

Wordsworth and Coleridge: the English and Continental aspects of their thought and art. *Five hours a week, fall quarter.* Professor Foerster.

118. STUDIES IN NINETEENTH CENTURY ROMANTICISM IN AMERICA.

Emerson and Whitman: the American and European aspects of their thought and art. *Five hours a week, winter quarter.* Professor Foerster.

141. Research in a special field under the direction of a member of the department.

DEPARTMENT OF ECONOMICS AND COMMERCE

Professors CARROLL, MURCHISON, PEACOCK, *ZIMMERMAN, HOBBS; Associate Professors **WOOSLEY, TAYLOR, SCHWENNING, LEAR, **SPRUILL, HEER, HEATH, WOLF, STRONG; Assistant Professors **GARFIELD, FERGER, EVANS, LEVIN, SHERRILL; Instructors MACON, WINSLOW; Teaching Fellows MARTIN, HERBERT; Assistants PERKINS, MCNEELY, GREEN, PARKER, HARRELL, CURTIS, BRAINARD.

ECONOMICS

A. RESOURCES AND INDUSTRIES. Prerequisite (in case of Commerce students), Geology 5.

This course occupies a middle ground between geography and economics. Important data of human and economic geography are appraised as to their meaning to the economist. The emphasis in resource analysis, therefore, is on the supply and demand conditions which have a measurable effect on price behavior. The close relationship between geographical facts and institutional developments is taken into consideration. The approach is functional rather than descriptive. Attention is focused on wide vistas and deep perspectives rather than on details of technology. In general, an effort is made to place the discussion on a broad basis of human values and world relationships. *Four lecture and two laboratory hours a week, every quarter. Laboratory fee, $3.50.* Professor Zimmerman, Mr. Perkins.

1-2. GENERAL ECONOMICS. Not open to Freshmen.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. An analysis is made of production, distribution, and consumption; of the elements which determine value and price, with a brief introduction to money, banking and credit, monopoly, business combinations, transportation, labor problems, and economic reform. *Five hours a week, fall and winter, or winter and spring quarters.* Professors Carroll, Lear, Wolf, Strong, Ferger, Evans, Levin, Messrs. Macon, Winslow.

5. ECONOMIC HISTORY. Not open to Freshmen.

A survey of the steps by which economic activities have evolved from primitive beginnings into the complicated capitalistic economy of today. Special emphasis on the development of the wage system, the Industrial Revolution, the expansion of markets, the ebb and flow of industrial activities, the relation

* Absent on leave, on Kenan Foundation, spring quarter, 1930.
** Absent on leave, 1929-1930.

of industrial development to political policy, as they have manifested themselves in England and in the United States. *Five hours a week, fall, winter, or spring quarter.* Professor Evans.

7. ECONOMIC STATISTICS.
This course is designed to give a critical understanding of the more important processes of elementary statistical technique used by economists and business men, and found in current discussions of economic matters. Among the topics included are graphic presentation, averages, index numbers, the cyclical analysis of time series, and simple correlation. The laboratory work is designed to give practice in the use of the processes studied, together with an interpretation of the results found. *Three lecture and four laboratory hours a week, every quarter. Laboratory fee, $2.00.* Professor Ferger.

10-11. PRINCIPLES OF MONEY AND BANKING. Prerequisite, Economics 1-2.
A general study of the principles, functions, and forms of money and credit, followed by analyses of current money and credit problems. The second half of the course is devoted to a study of the theory of commercial banking with particular respect to its application and development in the United States. *Five hours a week, fall and winter or winter and spring quarters.* Professors Murchison, Levin.

Courses for Graduates and Advanced Undergraduates

12. BUSINESS CYCLES. Prerequisite, Economics 1-2 and 10.
A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuations in prices, trade volume, and physical production. *Five hours a week, winter or spring quarter.* Professor Murchison.

13. PUBLIC FINANCE. Prerequisite, Economics 1-2.
A general study of government business covering the principles involved in public revenues and expenditures—local, state, and national; a treatment of the just distribution of public charges and their incidence; and a study of the growth and organization of modern tax systems. *Five hours a week, fall quarter.* Professor Heer.

14. PROBLEMS IN PUBLIC FINANCE. Prerequisite, Economics 13.
An advanced critical study of certain present problems in government finance. *Five hours a week, winter quarter.* Professor Heer.

15. TRANSPORTATION. Prerequisite, Economics 1-2.
A general study, from the historical and critical points of view, of railway transportation in such representative countries as Great Britain, France, Italy, Germany, and the United States; with some consideration of passenger and freight traffic and rates,. and the State's relation to railways. *Five hours a week, fall quarter.* Professor Heath.

20. RISK AND RISK-BEARING. Prerequisite, Economics 1-2.
A study of the risk element in modern industry together with the measures which have been devised to meet it. This course should precede the study of insurance. *Five hours a week, fall quarter.* Professor Lear.

24. PRINCIPLES OF MARKETING. Prerequisite, Economics 1-2.
This course sets forth the principles underlying general marketing practice. The assignments relate to marketing facilities and services (such as transportation, warehousing, grading, financing, assembling, and distributing), market-

ing agencies and organizations, organized exchanges and future trading, and certain problems of competition and price policy. *Five hours a week, winter quarter.* Professor Taylor.

26. INTERNATIONAL TRADE: THEORY AND POLICIES. Prerequisite, Economics 1-2.

In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects. After an historical study of the past and a critical analysis of the present foreign commerce of the United States and principal commercial rivals, an effort is made to apply to a survey of our foreign markets and of our foreign sources of supply the general principles of economic theory insofar as they pertain to international trade. Following this the payment balances of this country and of other leading countries engaged in world commerce are critically studied. Finally, the most important theories of international trade are reviewed in the light of historical development. *Five hours a week, fall quarter.* Professor Zimmerman.

27. COMMERCIAL POLICY OF MODERN NATIONS. Prerequisite, Economics 26.

After a general survey of international commercial policy up to the close of the Napoleonic Wars, a more detailed comparative study of the commercial policy of the leading nations during the last hundred years is made. The following countries are included: United States, Great Britain, France, Germany, Russia, Italy, Canada, Argentina, and India. Special attention is given to tariff problems, colonial policies, and to imperialism. The present world resources situation and its probable effect on future commercial policy is appraised. (Alternates with Commerce 46; not given 1930-1931.) *Five hours a week, winter quarter.* Professor Zimmerman.

30. AN INTRODUCTION TO THE LABOR PROBLEM. Prerequisite, Economics 1-2.

To the extent that the competitive wage system fails (a) to provide for the laborer an adequate basis for a decent living and (b) to draw from him the services he ought to render to industry, there appears to be a "labor problem." The purpose of this course is to make an analytic survey of the modern labor problem in its major aspects, such as unemployment, low wages, industrial accidents and diseases, overstrain and superannuation, and the status of the worker in industrial society. Trade unionism and the labor movement and intervention by the state in behalf of the worker, social methods of coping with the problems of labor, are also surveyed. *Five hours a week, fall or winter quarter.* Professor Wolf.

31. LABOR AND SOCIAL CONTROL. Prerequisite, Economics 30.

An advanced course in social methods of coping with labor problems. These fall roughly into three classes, (a) self-help on the part of the workers, which embraces trade unionism, labor political activity, and consumers' coöperation; (b) employers' policies, such as welfare work and paternalism, profit-sharing, and company unionism; and (c) intervention by public authority, as through labor legislation, conciliation and arbitration, and judicial limitation of private property rights. Insofar as possible the various topics will be studied in terms of the Southern labor situation. *Five hours a week, spring quarter.* Professor Wolf.

35. TYPES OF BANKING. Prerequisite, Economics 10-11.

A comparative study of specialized types of banking institutions,—their organization, methods, functions, and relationship to the financial organization of society in general. The course will include trust companies, investment banks, commercial paper houses, commercial discount companies, savings banks,

and the various classes of agricultural credit banks. (Alternates with Commerce 31 and will be given in 1929-1930.) *Five hours a week, spring quarter.* Professor Murchison.

40. THEORIES OF ECONOMIC REFORM. Prerequisite, Economics 1-2.
A critical analysis of the leading proposals for reform in the present economic system, including Socialism, Bolshevism, Single Tax, and Industrial Democracy. *Five hours a week, fall or spring quarter.* Professor Carroll.

47. ADVANCED COMMODITY ECONOMICS. Prerequisite, Economics A, 1-2.
In this course the demand and supply conditions of a few commodities selected to represent types are studied. The institutional factors affecting these conditions are critically examined with particular reference to price behavior. (Alternates with Commerce 51 and will be given in 1930-1931.) *Five hours a week, spring quarter.* Professor Zimmerman.

54. THEORIES AND FORMS OF BUSINESS ENTERPRISE. Prerequisite, Economics 1-2.
Ths course deals primarily with the combination movement. But it will treat this problem in its widest aspects: the historical background and the evolution of modern business forms, the theory of business enterprise, the structures and functions of organization, the relation of these questions to social welfare. Pools, trade associations, mergers, trusts, bankers' control, price control, are some of the principal questions which will be considered. *Five hours a week, winter quarter.* Professor Heath.

Courses Primarily for Graduates

100abc. ADVANCED ECONOMIC THEORY. Prerequisite, Economics 1-2.
A survey of economic theory from the standpoint of the evolution of modern industrial society. The three courses will not only include a review of the works of the leading economic writers, but will also summarize the principal physical, psychic, and social factors that have shaped economic theory and economic institutions. *Five hours a week, fall, winter, and spring quarters.* Professor Heath.

106abc. SEMINAR IN ECONOMICS. Prerequisites, Economics 1-2, 10-11.
A general introduction to methods of advanced study. Some phase of economic activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive equal emphasis. *Two hours a week, fall, winter, and spring quarters.* Professor Murchison (Chairman.)

112. ECONOMIC DYNAMICS.
This course focuses upon the changing nature of the modern economic organization. An effort is made to identify the more important of the dynamic elements, and to evaluate the significance of each in the general process of change. Attention is given to the readjustment processes and problems of particular industries, as well as to general trade, finance, and social well-being. Topics covered would include consumption behavior, income distribution, capital accumulation, money and credit conditions, new developments in marketing, production, transportation. The method of study will be inductive. *Hours arranged, fall, winter, and spring quarters.* Professor Murchison.
NOTE. Registration for this course must be approved by the professor in charge.

114. RESEARCH COURSE IN PUBLIC FINANCE.

The changing forms and distribution of wealth and income together with the expanding conceptions of governmental services make imperative a constant re-examination of fiscal problems. The scope of operations and the magnitude of revenues and expenditures emphasize the importance of administrative efficiency. Critical studies in this field are carried on under the supervision of the professor in charge. *Fall, winter, and spring quarters.* Professor Heer.

NOTE. Registration for this course must be approved by the professor in charge.

126. INTERNATIONAL ECONOMIC RELATIONS.

An increasing share of the economic life of mankind is being lifted out of the sphere of local and national activities, and is being subjected to world-wide influences. This tendency affects not only those business interests of ours directly engaged in foreign trade, but in general reacts upon our political position as a world-power, and materially influences our domestic and economic life.

The aim of this course is to provide graduate students interested in world economics the opportunity of pursuing advanced research along such lines as these: the movement of world prices; international commodity price control; the world food problem; the population question; advancing industrialization and future supply of raw materials; problems of international law affecting economic activities; foreign investments; commercial treaties; colonial policy, etc. *Hours arranged, fall, winter, and spring quarters.* Professor Zimmerman.

NOTE. Registration for this course must be approved by the professor in charge.

130. HUMAN RELATIONS IN INDUSTRY.

This course is a seminar in selected topics in labor economics and aims to provide a limited number of graduate students an opportunity of doing critical and constructive work in this field. In view of the fact that there are grave problems connected with the adjustment of the workers to the new industrial and social order that is being developed in the South Atlantic States the general topic "Labor Problems of the South" was selected for study in the winter quarter of 1928. The course will take this form again if a sufficient number of students are interested. *Fall, winter, or spring quarter, hours arranged.* Professor Wolf.

NOTE. Registration for this course must be approved by the professor in charge.

141. SEMINAR.

Individual research in a special field under direction of a member of the department.

COMMERCE

***(Courses in Commerce count for credit toward the degree S.B. in Commerce only.)**

1. ACCOUNTING: PRINCIPLES. Prerequisite or corequisite, Economics 1-2, Commerce 10.

Lectures with laboratory work. Study of the theory of debit and credit, record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory exercises in accounting problems and

* Commerce 10-11-12E are offered for students in the School of Engineering only and are open to no others.

technique. *Four lecture and four laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Peacock, Sherrill.

2. ACCOUNTING: PRINCIPLES. Prerequisite, Commerce 1.
Lectures with laboratory work. An approach to accounting problems from the business manager's point of view. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. The principles of valuation of assets, depreciation, and bonds are also covered. *Four lecture and four laboratory hours a week, fall winter, or spring quarter. Laboratory fee, $3.00.* Professors Peacock, Sherrill.

3. ADVANCED ACCOUNTING. Prerequisite, Commerce 1-2.
Lectures with laboratory work. Study of accounting problems and forms for special types of business concerns. Accounting for the organization and liquidation of co-partnerships and corporations, for combinations and consolidations, for trustees and receiverships, branch houses, municipalities, and foreign exchange. *Five hours a week, spring quarter. Laboratory fee, $3.00.* Professor Peacock.

4. ACCOUNTING PRACTICE. Prerequisite, Commerce 1 and prerequisite or corequisite, Commerce 2.
A laboratory course. Bookkeeping systems and records for the various industries prevalent in North Carolina are studied and practice sets for each are prepared. A tentative list will include tobacco manufacturing, furniture manufacturing, cotton goods manufacturing, automobile sale agencies and garages, banks in small cities, and municipalities. *Six hours a week, spring quarter. Laboratory fee, $3.00.* Professor Peacock.

5. COST ACCOUNTING. Prerequisite, Commerce 1-2.
Lectures with laboratory work. Methods for collection of data relative to prime costs and a careful analysis of various methods of burden distribution. Application of principles will be made in the laboratory by means of budgets for cost accounting in different classes of enterprise. *Five hours a week, fall quarter. Laboratory fee, $3.00.* Professor Peacock.

6. AUDITING. Prerequisite, Commerce 1-2.
Lectures and problems. Kinds of audits, system of accounts, methods of conducting audits, and problems in auditing. *Five hours a week, winter quarter. Laboratory fee, $3.00.* Professor Peacock.

7. INCOME TAX PROCEDURE. Prerequisite, Commerce 1-2.
This course consists of a thorough study of both the Federal and State income tax laws and the problems that arise in the making of the various returns. The preparation of the tax returns and claims for refund will be undertaken as laboratory exercises. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professor Sherrill.

8. C. P. A. PROBLEMS. Prerequisites, Commerce 1, 2, 3, 5, 6.
This course deals with the questions and problems given by the different states and the American Institute in their C. P. A. examinations. Typical problems are solved, and solutions prepared by the leading accountants of the country are studied. (This course will be given only in case as many as five students register for it.) *Three hours a week, spring quarter.* Professor Peacock.

9. GOVERNMENTAL ACCOUNTING. Prerequisites, Commerce 1, 2, 3, 5.
Lectures and laboratory work. A study of Budgeting Accounting and its application to the various governmental units; the differences between Fund

Accounting and Commercial Accounting; methods of collecting data recorded in books of original entry; and the preparation of Financial Statements. A survey will be made of systems for educational institutions, and for state, county, and city governments. Laboratory work will consist of practical problems. Field trips will be taken in order to study the system used by the state of North Carolina, the system prepared by the County Government Advisory Commission for counties, and other available systems. *Five hours a week, spring quarter. Laboratory fee, $2.50.* Professor Sherrill.

10. BUSINESS ORGANIZATION. Prerequisite, Economics 1-2.

The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coördination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as production, finance, personnel, marketing, risk-taking, and records and standards. *Five hours a week, fall or spring quarter.* Professor Schwenning.

11. PRINCIPLES OF INDUSTRIAL MANAGEMENT. Prerequisite, Economics 1-2, Commerce 10.

This course covers the problems involved in the construction, equipment, and administration of a manufacturing enterprise. The unit of study is the factory. The subject matter is treated under four heads: the underlying principles of production, the agencies of production, the control of production operations, and the establishment of production standards. *Five hours a week, winter quarter.* Professor Schwenning.

10-11-12E. BUSINESS ADMINISTRATION FOR STUDENTS IN ENGINEERING. Open to students in the School of Engineering only. Prerequisite, Economics, 1-2-3E.

The elements of business organization with emphasis on the corporation, its nature, its promotion, its financing, and its operation. Internal organization with special reference to methods of control, managerial accounting, cost analysis, financing of current operations, valuation and methods of appraisal, depreciation, sinking funds, and the interpretation of financial statements. The economics of locating and managing industrial plants, the handling of the labor factor through specialized personnel administration, and the relations existing between consumers and producers. *Three hours a week, fall, winter, and spring quarters.* Professor Schwenning.

12. CORPORATION FINANCE. Prerequisite, Economics 1-2, Commerce 1 and 10.

A study of the principles and practice of corporate financing. Among the topics considered are: the methods of raising permanent capital, problems of current financing, the treatment of earnings, and financial problems incident to expansion and reorganization. Specific problems and reports are employed to illustrate and emphasize the principles involved. *Five hours a week, winter quarter.* Professor Strong.

14. PERSONNEL MANAGEMENT. Prerequisite, Economics 1-2, Commerce 10.

A scientific study of the methods of hiring and handling personnel in the various lines of industry. The supply, selection, training, promotion, transfer, and discharge of employees; the computation and significance of labor turnover; housing, educational and recreational facilities; the functions of a personnel department with reference to efficiency and the maintenance of good will between employees and employers. *Five hours a week, spring quarter.* Professor Schwenning.

16. INDUSTRIAL MANAGEMENT: THEORIES AND PRACTICES. Prerequisite, Economics 1-2, Commerce 10. Open only to selected Seniors and Graduate students.

A critical examination of the economic, social, and ethical aspects of modern business administration. Current theories of organization and management will be taken up and subjected to careful scientific analysis. Practices will be compared with theories. An attempt will be made to formulate the underlying principles upon which the administration of modern industrial enterprise rests. *Three hours a week, winter quarter.* Professor Schwenning.

20. SALESMANSHIP AND PURCHASING. Prerequisite or corequisite, Economics 1-2.

The course in salesmanship will include a careful analysis of the psychology of selling; the qualifications of a good salesman, and their development; the relative value of suggestion, persuasion, and argument in securing decision; the scientific analysis of a sale—the preapproach, the approach, the demonstration, and the consummation. Typical problems in selling at retail and wholesale and in marketing various types of specialties are presented.

The latter half of the quarter will be devoted to a study of purchasing. The material will be presented in the form of problems which representative business concerns have actually faced. The topics thus treated will include the organization of a Purchasing Department, the duties of a Purchasing Agent, considerations involved in the purchase of raw material, buying from hand to mouth, hedging, turn over, the question of whether or not speculation in raw materials is justifiable, the legal side of contracts, the ethics of purchasing, the problem of cancellations, over-handing, and the relation between the purchasing policy, the turnover, and profits. *Five hours a week, winter quarter. Laboratory fee, $1.00.* Professor Taylor.

21. SALES MANAGEMENT. Prerequisite, Commerce 20.

This course follows the course in Salesmanship, but goes beyond and considers the organization and operation of a sales department. Some of the subjects studied are: the functions of a sales manager; analysis of the goods, the market, and the prospective customers; the planning and management of selling campaigns; sales equipment, records, tests, and relative costs; selecting, training, organizing, supervising, and compensating salesmen. *Five hours a week, winter quarter.* Professor Taylor.

22. ADVERTISING. Prerequisite or corequisite, Economics 1-2.

The course consists of a study of the psychological basis of advertising, the types of advertising and their adaptation to the various lines of business, the relative value of the various advertising media, the mechanism of an advertisement, and methods of testing effectiveness. Attention is also given to the work of planning and executing an advertising campaign and checking up the results. Practical problems are a part of the course. *Five hours a week, fall or spring quarter. Laboratory fee, $1.00.* Professor Taylor.

23. RETAIL MERCHANDISING. Prerequisite, Economics 1-2.

The retailer is the last step in the system of merchandise distribution. His problems are many and because of his position in the field of business a study of his organization, functions, and methods is important. The preparation and maintenance of stock records, the organization and management of sales forces, and the determination and execution of credit and price policies are subjects which are taken up and discussed. Problems form an important part of this course. *Five hours a week, winter quarter.* Professor Taylor.

26. RESEARCH COURSE IN SALES RELATIONS. Prerequisite, Commerce 20, 22.

Critical studies in selected phases of the selling process; laboratory and seminar methods. The particular problems considered will depend on the interests of the class. *Five hours a week, spring quarter.* Professor Taylor.

31. BANKING PRACTICE AND FOREIGN EXCHANGE. Prerequisite, Economics 10-11.

Organization and management of a commercial bank. Duties and responsibilities of different departments. Bank accounting. Handling of credit instruments, checks, drafts, acceptances, bills of exchange. Critical examination of present methods and standards. The course will also include a study of international banking operations; the credit instruments used in financing trade between nations; the forces determining rates of exchange. (Alternates with Economics 35 and will be given in 1930-1931.) *Five hours a week, spring quarter.* Professor Murchison.

36. INVESTMENTS. Prerequisite, Economics 1-2, Commerce 1-2, 12.

This course is essentially a laboratory study of corporate securities from the standpoint of the investor. Primary emphasis is placed upon the development of technique and standards of investment analysis. Each student is required to make an intensive study of a company engaged in each of the leading fields of corporate activity with the view of making an investment report thereon. *Five hours a week, spring quarter.* Professor Strong.

38. INSURANCE: LIFE.

A study of the principles and technique of life insurance, including disability, accident, and group insurance. Some attention will also be given to the investment operations of insurance companies. *Five hours a week, winter quarter.* Professor Lear.

39. INSURANCE: FIRE, MARINE, BOND, AND TITLE.

In this course, an effort is made to consider as far as possible the wide range which the insurance function covers and the probable trend of its future development. The topics noted in the title of the course are studied and as many others as time will permit. *Five hours a week, spring quarter.* Professor Lear.

46. FOREIGN TRADE PRACTICE. Prerequisite, or corequisite, Economics 24.

This course treats of foreign trade as a business profession and serves to prepare for entrance into the field; emphasis throughout is on practical problems.

Part I. The organization of Foreign Trade: export departments; middlemen and their functions; coöperation.

Part II. Methods: direct versus indirect exporting; export campaigns; sales policies.

Part III. Foreign Market Analysis.

Part IV. Paper work and technical procedure in exporting and importing, including foreign trade financing. *Five hours a week, winter quarter.* Professor Zimmerman.

50. TRAFFIC PROBLEMS. Prerequisite, Economics 15.

A study of current technical problems in the field of transportation and traffic management. (This course will be given only in case as many as five students register for it). *Three hours a week, winter quarter.* Professor Heath.

51. OCEAN SHIPPING. Prerequisite, Economics 1-2.
A study of the elements of water transportation, trade routes, ports and terminal facilities, vessel types, ship operation and management, ocean freight service and rates, marine insurance. The problem of our merchant marine and national policies affecting it are also discussed. (Alternates with Economics 47 but will not be given in 1929-1930.) *Three hours a week, spring quarter.* Professor Zimmerman.

60-61. BUSINESS LAW. Prerequisite, Economics 1-2.
The aim of the course is to give the student an understanding of the main principles of law which govern in the daily conduct of business. The topics discussed are: contracts, agencies, negotiable instruments, sales, bailments, corporations, partnerships, and bankruptcy. *Five hours a week, fall and winter quarters.* Professor Hobbs.

62. GOVERNMENT AND BUSINESS. Prerequisite, Economics 1-2, Government 1-2.
A study of the evolution of governmental policy towards business, with a critical examination of current governmental regulation and supervision of industry and trade. Some attention is given to the services which modern governments undertake to render to the business life of their citizens and the agencies developed for this purpose. *Five hours a week, spring quarter.* Professor Hobbs.

Courses Primarily for Graduates

106abc. SEMINAR IN COMMERCE.
A general introduction to methods of advanced study. Some phase of business activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive about equal emphasis. *Fall, winter, and spring quarters.* Professor Murchison (Chairman).

141. SEMINAR.
Individual research in a special field under direction of a member of the department.

DEPARTMENTS OF EDUCATION*

Professors NOBLE, WALKER, KNIGHT, TRABUE, JORDAN, MOSHER; Associate Professors PRESTON, FARRAR, MUNCH; Assistant Professors GWYNN, KING, GIDUZ, MARKS; Instructors BEUST, HUNTER; Teaching Fellow DRAKE; Assistant BRIGGS; *In Extension:* Professor MCKEE, Associate Professors MORRISON, STEVENS; Assistant Professor BASON; Instructors HICKS, MCINTOSH.

Courses for Undergraduates

1. AN INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Sophomore course. Required of all prospective high school teachers in the School of Education who do not elect Psychology 1-2.
Education is viewed in this course as a series of changes in individual pupils. The elementary principles of educational psychology will be illustrated and studied briefly through assigned readings, experiments, and discussions. *Five hours a week, every quarter.* Professor Jordan.

* NOTE: With the exception of Education 85X and 86X, courses listed simply by title with descriptive details omitted are at present offered only in the Summer Session or through the Extension Division. Courses described in detail are given in residence in the regular college year.

4. THE THEORY AND PRACTICE OF EDUCATION. Junior and Senior elective.

A study of the theory and practice of education from the viewpoint of both the teacher and the citizen; the selection of the material of instruction; the development and arrangement of the curriculum for the grammar schools and the high schools. Lectures, textbooks, and assigned readings. *Five hours a week, winter quarter.* Professor Noble.

5. GENERAL INTRODUCTION TO THE STUDY OF EDUCATION.

An orientation course in education designed to aid prospective teachers or laymen in obtaining a general understanding of the evolution, organization, purposes, procedures, and problems of American schools. A particular study is made of the educational situation in North Carolina. *Five hours a week, fall or spring quarter.* Professor Mosher.

20. EDUCATIONAL PSYCHOLOGY. Prerequisite, Education 1 or Psychology 1-2. Required of all prospective high school teachers in the School of Education.

To consider critically such topics as the original nature of man, heredity versus environment, kinds of learning and factors influencing learning, individual differences, mental hygiene, mental measurement is the purpose of this course. Lectures, text-books, laboratory. *Four lecture and two laboratory hours a week, every quarter.* Professor Jordan.

51. PRINCIPLES OF SECONDARY EDUCATION. Required of all prospective high school teachers in the School of Education. Junior and Senior elective. Prerequisite, Education 20.

A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward teaching positions and principalships in secondary schools. Textbook, lectures, assigned readings, and reports. *Five hours a week, fall and winter quarter.* Professor Walker.

52. GENERAL METHODS IN SECONDARY EDUCATION. Required of all prospective high school teachers in the School of Education. Junior and Senior elective. Prerequisite, Education 20.

The first half of this course deals with the aims of high school teaching and the outcomes of learning. In the second half an evaluation of the various techniques and methods of instruction commonly used in high schools is attempted. The course includes a limited amount of observation in the training school. *Five hours a week, every quarter.* Professor Mosher.

68X. INVESTIGATIONS IN READING.

69. PROBLEMS IN MENTAL HYGIENE FOR TEACHERS.

The following courses, 70-86, are open to students in the School of Education only.

70. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH. For advanced undergraduates. Prerequisite, English 1, 3, 4, 5 and four other courses approved by the instructor.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age. Applicants should be thoroughly grounded in the fundamental

principles of English grammar, should write and speak well, and should have more than average ability to appreciate literature. *Five hours a week, every quarter.* Professor Farrar.

71. DIRECTED TEACHING OF HIGH SCHOOL ENGLISH. For advanced undergraduates. Prerequisite, Education 70.

The purpose of this course is to provide actual practice in teaching high school classes in English under supervision. It will include observation of teaching, study of the material taught, and preparation of lesson plans. *Five hours a week, every quarter.* Professor Farrar.

72. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL FRENCH. For advanced undergraduates. Prerequisites, to be determined by the instructor.

In this course the student studies the development of modern language teaching. Particular stress is laid on present-day tendencies, more especially in connection with pronunciation, phonetics, reading, "realia," activities, texts, etc. Weekly reports on readings. Term paper. *Five hours a week, every quarter.* Professor Giduz.

73. DIRECTED TEACHING OF HIGH SCHOOL FRENCH. For advanced undergraduates. Prerequisite, Education 72.

In this course the student carries out as far as possible the plan evolved in Education 72. From passive participation through a period of observation, the student gradually reaches the active stage of teaching. During the latter half of the term he has sole charge of the class, always of course, under the supervision of the instructor. Daily lesson plans; conferences for the discussion of each day's work. *Five hours a week, every quarter.* Professor Giduz.

74. MATERIALS AND METHODS OF TEACHING THE SOCIAL STUDIES. For advanced undergraduates. Prerequisites, to be determined by the instructor.

This course is required of all students in the School of Education who are preparing to teach high school history and the other social studies. The aims, functions, and objectives of the social studies will be carefully analyzed and the history of their place in the American secondary school examined. Such problems as planning and organizing the course, textbooks, and library equipment, maps, pictures, and other visual aids will be considered. Following these will be a discussion of the various methods problems such as the recitation, teaching pupils how to study, the lecture, textbook, topical problem and source methods, written work, and testing results. Textbooks, lectures, discussions, special investigations, and reports. *Five hours a week, every quarter.* Professor King.

75. DIRECTED TEACHING OF THE SOCIAL STUDIES. For advanced undergraduates. Prerequisite, Education 74.

In this course the student will at first attend a high school class in history or community civics and observe the methods and technique of conducting the class. After he has observed and prepared the work of the class long enough to become familiar with its operation he will be required to work out a daily lesson plan for each class observed. When, in the judgment of the instructor, the student is sufficiently familiar with the correct methods of procedure, he will be permitted to conduct the class under the personal supervision of the instructor. After each class conducted by the student teacher his work will be discussed and criticised in conference with the supervisor. *Five hours a week, every quarter.* Professor King.

76. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN. For advanced undergraduates. Prerequisite, Latin 1, 2, 3, and 4 (or the equivalent.)

This course is designed primarily for students majoring in Latin in the School of Education, and is required of all who plan to teach high school Latin, whether as a major or minor subject. The history of the teaching of Latin will be discussed along with modern tendencies of instruction in this field. A special study will be made of high school Latin texts, and reports and discussions will emphasize the various methods used in teaching them. Helpful bibliographies will be compiled and examined. *Five hours a week, every quarter.* Professor Gwynn.

77. DIRECTED TEACHING OF HIGH SCHOOL LATIN. For advanced undergraduates. Prerequisite, Education 76.

The teaching of Latin in the practice school will be observed closely by students for a time; later the work of the classes observed will be fully discussed. After such intensive observation work, the students will be required to work out individual daily lesson plans for the classes observed. When the instructor believes that the students have had sufficient time to learn the correct method of procedure, he will turn over a class to each one of them to handle independently under his supervision. Critical reports and discussions of the class work of each student teacher will follow. *Five hours a week, every quarter.* Professor Gwynn.

78. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS. For advanced undergraduates. Prerequisites, to be determined by the instructor.

A course designed to give those preparing to teach mathematics in high school a comprehensive view of that field. It is composed of six units as follows: history of mathematics, objectives of mathematics teaching, materials, methods, the psychology of mathematics teaching, and measuring in the field of mathematics. Reading and reports on these units will be required. *Five hours a week, every quarter.* Professor Munch.

79. DIRECTED TEACHING OF HIGH SCHOOL MATHEMATICS. For advanced undergraduates. Prerequisite, Education 78.

This course familiarizes the student with the actual classroom situation. It consists in the following steps: mastery of subject matter to be taught; preparation for teaching by observation, making lesson plans and conference with the instructor; actual teaching; and discussion with the instructor of techniques used and results obtained. Teaching by the student is the feature of the course. *Five hours a week, every quarter.* Professor Munch.

80. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE. For advanced undergraduates. Prerequisites, to be determined by the instructor.

Knowledge of science content is assumed. This course considers the objectives and curriculum position of secondary school science, the proper teaching viewpoint, instruction techniques, selection and use of equipment. As background, the development of secondary school science in response to changing economic, social and educational conditions is briefly studied. Assigned readings introduce the important literature. *Five hours a week, every quarter.* Professor Preston.

81. DIRECTED TEACHING OF HIGH SCHOOL SCIENCE. For advanced undergraduates. Prerequisite, Education 80.

The object of this course is to give the student familiarity with the science class-room and laboratory in operation. Entering first as an observer he will

gradually be allowed to take over more and more of the work as he is considered qualified to do so. Conferences with the instructor will be an important part of this course. *Five hours a week, every quarter.* Professor Preston.

82P*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION —READING AND STUDY HABITS FOR THE PRIMARY GRADES. Required of all prospective primary grade teachers in the School of Education.

A study of the problems in beginning reading including a critical evaluation of the various methods of teaching reading and of developing effective study habits. *Five hours a week, fall quarter.* Professor Marks.

82G*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION —READING AND STUDY HABITS FOR THE GRAMMAR GRADES. Required of all prospective grammar grade teachers in the School of Education.

The aim of this course is to become acquainted with the materials and methods of teaching reading as a means of extending the experiences of boys and girls, of stimulating good thinking, and of arousing interest in a wide variety of reading activities. *Five hours a week, fall quarter.* Professor Marks.

83X*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) THE SOCIAL SCIENCES; (b) THE NATURAL SCIENCES. This is required of all prospective elementary grade teachers in the School of Education.

The first half (Part a) is designed to give a thorough survey of recent experiments and special studies in subject matter and methods in geography, history, and citizenship. Suggestions will be given for utilizing daily activites to develop civic virtues.

The second half (Part b) deals with natural science and health. The general principles controlling the selection of material and its organization for each grade will be presented. *Five hours a week, winter quarter.* Professor Marks.

84P*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) ARITHMETIC AND NUMBER PROJECTS FOR THE PRIMARY GRADES; (b) LANGUAGE FOR THE PRIMARY GRADES. The first half (Part a) will emphasize the development of number concept in primary grades.

The object of the second half (Part b) is to teach self-expression of oral and written language in life-like situations. *Five hours a week, spring quarter.* Professor Marks.

84G*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) ARITHMETIC FOR THE GRAMMAR GRADES; (b) LANGUAGE AND COMPOSITION FOR THE GRAMMAR GRADES.

The first half (Part a) will give a careful study of the investigations revealing the course of mathematical facts which are necessary for all people to acquire, also methods of teaching these facts thoroughly. The second half (Part b) aims to study means of speaking effectively and pleasingly. Written language, obtaining good form through genuine use, including composition, writing, and spelling. *Five hours a week, spring quarter.* Professor Marks.

85X*. DIRECTED TEACHING IN THE ELEMENTARY SCHOOL.

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* NOTE: The letter "P" when used in connection with the number of a course means that the course is intended for teachers of the primary grades; the letter "G," that the course is intended for teachers of the grammar grades; and the letter "X," that the course is intended for teachers of either the primary or the grammar grades.

86X*. DIRECTED TEACHING IN THE ELEMENTARY SCHOOL. (Continuation of 85X.)

89X. THE PROBLEM CHILD AND HIS ADJUSTMENT.

Courses for Graduates and Advanced Undergraduates

26. PUBLIC SCHOOL EDUCATION IN THE SOUTH.

This course gives an historical survey of public school education in Southern States with especial attention to its development in organization, administration, and supervision since 1876. Present-day questons in rural education are studied in the light of their historical development, and attention is given to the educational reorganization needed for the proper solution of the new rural life problems. Textbooks, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

29. HISTORY OF EDUCATION IN NORTH CAROLINA.

The purpose and development of education in North Carolina as seen in the work of public, private, charity, and church schools. A comparative study of public education in North Carolina and other selected typical states of the American Union. Lectures, discussions, and assigned readings. *Five hours a week, fall or spring quarter.* Professor Noble.

31. RURAL EDUCATION.

A course planned to meet the needs of students preparing to become rural school teachers, principals, supervisors, and superintendents. It gives consideration to the organization, administration, and supervision of rural school education in the United States, with especial emphasis on the present conditions in the South. The county as the unit of administration and support, federal aid and a national program for rural educational work, the application of the principles, agencies, and methods of supervision to the rural school will be studied. Textbooks, lectures, special investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

36. HISTORICAL FOUNDATIONS OF MODERN EDUCATION.

This course traces the development of some of the more important educational problems of modern times as they have been affected by the social and political facts of history, by the contributions of the leading educational theorists, and by institutional practice. Textbooks, lectures, investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

37. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. (History 66).

The social and educational institutions and practices of the United States are traced through: (a) The period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Textbook, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

41. INTRODUCTORY COURSE IN SCHOOL ADMINISTRATION.

This course will consider the most important problems of school administration, especially as these problems bear on the success of the teacher's work.

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Students without teaching experience, or teachers without a knowledge of administrative problems, should not register for the more specialized courses in the field of administration until after completing this course. Textbook, observations, and discussions. *Five hours a week, spring quarter.* Professor Trabue.

42. THE ELEMENTARY SCHOOL PRINCIPAL AS ADMINISTRATOR. The personal qualifications, previous experience, duties, and opportunities of the school principal are studied during the early meetings of this course. The organization of the school program, of the instructional staff, and of the housekeeping staff are then considered in relation to their effects on pupil development. The direction and administration of various elements in the school receive maximum attention in class discussions of experiences, observations, assigned readings, and special reports. *Five hours a week, alternate winter and summer quarters.* Professor Trabue.

43. ELEMENTS OF STATISTICAL METHODS. Prerequisite, Education 1 or Psychology 1-2.

The first meetings in this course will consider various methods of collecting data for educational, psychological, social, and economic investigations. The interpretation of data by graphic and mathematical devices will be taught chiefly by examples. Numbering, tabulation, the calculation of averages and variabilities, the transmutation of measures, and correlations will be included. Readings, demonstrations, problems, reports, and critical discussion. *Five hours a week, winter quarter.* Professor Trabue.

46. CLASSROOM MANAGEMENT.

47. GUIDANCE AND ADMINISTRATION OF PUBLIC SCHOOL PUPILS. Prerequisite, four full courses in education, including one in administration, and two years of successful teaching experience.

This course undertakes not only to acquaint the student with the extensive literature of scientific research in pupil personnel work, but also to develop through actual handling of individual records, reports, and materials as many as possible of the important skills required of the principal in the classification and promotion of pupils, in program making, in organization of pupil-activities, in student government, in athletics, etc. *Five hours a week, on application.* Professor Trabue.

48. EVALUATING CLASSROOM INSTRUCTION. The general and specific objectives of instruction are agreed upon in the early meetings of this course. Criteria are then developed for evaluating the materials, techniques, activities, and outcomes of instruction. The latter part of the course consists in applying the criteria to actual classroom lessons in an attempt to develop skill in observing, evaluating, and improving instruction. *Five hours a week, alternate spring and summer quarters.* Professor Trabue.

55. SOCIAL POLICY AND EDUCATION. Fundamental problems in the social and ethical theory of education. Lectures, prescribed readings, essays, and reports. This course deals with problems of social progress from the standpoint of education, attempts to define a social policy for education, and discusses the vital educational issues involved in that policy. *Five hours a week, winter quarter.* Professor Walker or Professor Mosher.

56. MEASUREMENTS IN SECONDARY EDUCATION. Prerequisite, Education 1 or Psychology 1-2.

Standard tests for measuring the results of secondary school instruction will be examined and discussed. Special attention will be given to the results and needs in North Carolina high schools. Students will be expected to become

fairly familiar with the tests and scales and to develop some skill in interpreting results. *Five hours a week, fall quarter.* Professor Trabue.

57. THE HIGH SCHOOL PRINCIPALSHIP.

60. CURRICULUM CONSTRUCTION.
The construction and organization of the elementary school curriculum when based upon human needs. Includes consideration of the teacher's function in curriculum construction, objectives of the school subjects, sources of curricular material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be attained. *Five hours a week, alternate spring quarters.* Professors Trabue, Marks.

62. TESTS AND MEASUREMENTS IN ELEMENTARY EDUCATION. Prerequisite, Education 1 or Psychology 1-2.
Methods of measuring and improving the results of instruction in the elementary school will be given detailed consideration in this course. Students will be made acquainted with the most important tests and scales and will be given some experience in interpreting the results both statistically and practically. *Five hours a week, fall quarter.* Professor Trabue.

63. THE PSYCHOLOGY OF ELEMENTARY EDUCATION.

64. MENTAL MEASUREMENTS. Prerequisite, Education 1 or Psychology 1-2.
A study of mental tests both individual and group. The origin of the tests will be first considered followed by a comparative study of the various types of group and individual tests. There will be ample opportunity offered for the actual administration of the tests and the interpretation of the results. *Five hours a week, spring quarter.* Professor Jordan.

66. PROJECT ACTIVITIES IN THE ELEMENTARY GRADES.

67. GUIDANCE AND ADMINISTRATION OF ELEMENTARY SCHOOL PUPILS. (a) *Teaching Pupils How to Study;* (b) *The Pupil Personnel Program.* Prerequisite, three or more courses in education, successful experience as a teacher, and satisfactory evidence of ability to conduct systematic investigations of pupils' habits.
The physical and environmental factors that condition effective study, the necessity preliminary preparation for study, techniques for discovering a pupil's present study habits in each subject-matter field, the evaluation and improvement of study habits and programs of study in each field, and techniques for the supervision of practice and growth in each type of study will be considered, practised, and learned in this course. Investigations, observations, special reports, readings, and discussions. *Five hours a week, on application.* Professor Trabue.

90. INVESTIGATIONS IN TEACHING.

Courses Primarily for Graduates

101ab. PROBLEMS IN SECONDARY EDUCATION.
This course is intended for advanced students and is primarily a course in investigation. To be admitted to it, a student must have pursued other courses in secondary education. Students who have not taken Education 51 may be admitted only with special permission of the instructor. At the beginning of the course each student is required to select some one problem for special investigation. A thesis will be required of each student. Throughout the two quarters regular class discussions will be held on various problems in secondary education and assigned readings will be required. *Five hours a week, fall and winter quarters.* Professors Walker, Mosher.

103abc. PROBLEMS IN EDUCATIONAL ADMINISTRATION. Prerequisite, Education 41, or its equivalent, and one other course in educational administration.

A graduate course offering opportunity for intensive study and research on selected problems in the field of educational administration. The problems will be selected by the class each year, making it possible for the student to take this course more than once. *Three hours a week, fall, winter, and spring quarters.* Professor Trabue.

104abc. PROBLEMS IN EDUCATIONAL MEASUREMENTS. Prerequisite, Education 56 or 62.

Students who wish to specialize in educational measurements may take this course more than once if desired, since the problems considered will differ from year to year. *Three hours a week, fall, winter, and spring quarters.* Professor Trabue.

106. PROCEDURES IN EDUCATIONAL RESEARCH.

109. PUBLIC SCHOOL SURVEYS.

110ab. PROBLEMS IN EDUCATIONAL PSYCHOLOGY.

Prerequisite, Education 1 or Psychology 1-2 and preferably one other course in Educational Psychology.

A graduate course treating intensively of the fundamental facts of educational psychology. This course is designed for those who intend to major in educational psychology and for all those who wish a thorough grounding in the psychological principles of education. The first part of this double course (110ab) will deal with problems of conduct and individual differences; the second part (110cd) will deal with problems of learning. *Five hours a week, fall and winter quarters.* Professor Jordan.

126abc. FOUNDATIONS OF EDUCATION IN THE SOUTH.

This is a research course in modern educational practices and institutions and is open only to those advanced students who have had Education 26, or Education 36, or the equivalent. Various educational agencies will be studied through investigations, reports, and conferences. *Three hours a week, fall, winter, and spring quarters.* Professor Knight.

140. THESIS COURSE.

This is a course of strictly graduate grade in which there will be taken up such work as is necessary for each student in connection with the writing of his degree thesis. It is intended for those students whose graduate major is in education, but students whose thesis topics are closely related to education are invited to attend and to take part in the discussions. *Three hours a week.* Professors in the School of Education.

141. SEMINAR COURSE.

A research course in a special field under the direction of a member of the department. Students may register and receive credit for one, two, or three quarters. *Three hours a week, fall, winter, and spring quarters.*

151. PRINCIPLES OF SECONDARY EDUCATION.

A systematic course for graduate students, intended primarily for those who have not had Education 51. This course will embrace a study of the American high school, its evolution, organization, administration, functions, and problems. It is designed primarily for high school principals and graduate students who are lookng forward to high school principalships. Textbooks, lectures, readings, and reports. A term paper will be required of each student before credit for the course will be allowed. *Five hours a week, spring quarter.* Professor Walker.

152. PHILOSOPHY OF HIGH SCHOOL TEACHING.

170. PROBLEMS IN THE TEACHING OF ENGLISH IN SECONDARY SCHOOLS.

178. PROBLEMS IN THE TEACHING OF MATHEMATICS.

180. PROBLEMS IN THE TEACHING OF NATURAL SCIENCE IN THE SECONDARY SCHOOLS.

DEPARTMENTS OF ENGINEERING

Professors BRAUNE, LEAR, HICKERSON, SAVILLE, HOEFER, BAITY, BASON; Associate Professors SMITH, TRIMBLE; Assistant Professor BAILEY; Instructors HOLLETT, STAINBACK, WINKLER, MERRITT, SLADE; Teaching Fellow MERRYFIELD; Assistants NOE, LOWERY, LEAR, WORTMAN, WHITE.

Except as noted below (courses Drawing 1-2 and Engineering 16c, 20c, 50abc) courses in Engineering are open to students in Engineering only.

1abc. MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY.
Lettering and use of drawing instruments. Descriptive geometry, covering fundamental problems of the point, line, and plane and their application to problems of the intersection and development of surfaces. Problems in isometric and perspective projections. *Six laboratory hours a week, fall, winter, and spring quarters.* Credit, 1½ courses. Professor Smith, Messrs. Merritt, Hollett, Slade, Noe.

1-2. DRAWING. For students in the Schools of Commerce and Applied Science only.
This course is designed to help the student interpret and read working drawings. It embodies lettering, the use of drawing instruments, the elementary principles of mechanical drawing, and the reading of typical completed drawings. *Four laboratory hours a week, fall and winter quarters.* Professor Smith, Messrs. Merritt, Hollett, Slade, Noe.

2a. MECHANISM. Prerequisite, Engineering 1abc. For Electrical and Mechanical Engineering students.
The relative motions of machine parts, including a study of linkages, cams, gears, belts, gear trains, and other mechanisms. *One lecture and six laboratory hours a week, fall quarter.* Credit, ⅘ course. Professor Smith.

2c. DRAWING. Prerequisite, Engineering 1abc and Mathematics 1-2-3E. For Civil Engineering students.
Map and blue print reading, computing, and estimating. *Three laboratory hours a week, spring quarter.* Credit, ¼ course. Professor Smith.

3abc. ELEMENTARY MECHANICS.
The basic principles of statics and an elementary course in strength of materials, covering conditions of equilibrium, force, and funicular polygons, center of gravity, friction, beams, and jointed structures. This course correlates with first-year mathematics and drawing. *Two lecture hours a week, fall, winter, and spring quarters.* Credit, 1 course. Professors Braune, Baity, Smith, Messrs. Hollett, Winkler, Noe.

4abc. MECHANICS. Prerequisite, Mathematics 1-2-3E.
The fundamental conceptions of statics including resultants of force systems, equilibrium of force systems, friction, centroids, moments of inertia of areas and bodies. This course correlates with sophomore mathematics. *Three lecture hours a week, fall, winter, and spring quarters.* Credit, 1½ courses. Professors Hickerson, Trimble, Mr. Slade.

5abc. APPLIED MECHANICS AND STRENGTH OF MATERIALS. Prerequisite, Mathematics 4-5-6E.
Kinematics and kinetics of particles and rigid bodies, including translation, rotation, and plane motion; the principles of work and energy, impulse, and momentum. The fundamental principles governing the strength and behavior of beams, columns, truss members, shafting, and various kinds of riveted connections. *Three lecture hours a week, fall, winter, and spring quarters.* Credit, 1½ courses. Professor Hickerson.

6bc. MATERIALS OF ENGINEERING.
Constitution, physical properties, and tests of the important materials, such as wood, cement, stone, iron, steel, etc., used in engineering construction; metallurgy of iron and steel and the more important alloys. *Two lecture and three laboratory hours a week, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Credit, 1⅔ courses. Professor Trimble, Mr. Hollett.

12ab. GRAPHIC STATICS. Prerequisite, Engineering 4abc.
Graphical determination of stresses in framed structures. *Six laboratory hours a week, fall and winter quarter.* Credit, ⅔ course. Professor Smith.

14abc. STRUCTURES. Prerequisite, Engineering 5abc.
Graphical and analytical determination of stresses occurring in engineering structures, such as roofs, bridges, retaining walls, etc. The design of simple structures in steel and timber. *Two lecture hours a week, fall, winter, and spring quarters.* Credit, 1 course. Professor Braune.

15abc. ENGINEERING DESIGN.
Application of principles in course 14 to specific problems in the design of roofs, bridges, retaining walls, water towers, and other structures. *Three laboratory hours a week, fall, winter, and spring quarters.* Credit, ¾ courses. Professors Braune, Smith.

16c. PLANE TABLE SURVEYING AND MAPPING.
Preparation and interpretation of topographical maps. Lectures and field work. *Four laboratory hours a week, spring quarter. Laboratory fee, $2.00.* Credit, ½ course. Professor Trimble.

20c. SURVEYING AND PLOTTING FOR NON-ENGINEERING STUDENTS. Prerequisites, Mathematics 1, 2.
Methods of using the compass, transit, tape, and level in making ordinary surveys for land boundaries, acreage, volumes, profiles, and the establishment of lines in their true position. It involves field measurements of distances and angles, the plotting and description of maps from such data, and the computation of areas, volumes, grade lines, true meridian, etc. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $6.00.* Professor Trimble, Mr. Hollett.

22a. PLANE SURVEYING. Prerequisite, Mathematics 1-2-3E.
Practice in the use and adjustments of tape, level, transit, plane table, etc., supplemented by the solution of field problems. *Two lecture hours and three laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Credit, ½ course. Professor Trimble, Mr. Hollett.

22c. FIELD WORK IN SURVEYING. Prerequisite, Mathematics 1-2-3E. An elementary course in the use and adjustments of surveying instruments for students in electrical and mechanical engineering. *Three laboratory hours a week, spring quarter. Laboratory fee, $3.00.* Credit, ⅓ course. Professor Trimble, Mr. Hollett.

23s. SUMMER ENGINEERING CAMP. Prerequisite, Engineering 22a. Instruction in plane, topographic, railway, and highway surveying is given during eight weeks of the summer term following the sophomore year. The course includes the following subjects: I. Chaining; differential, profile, and cross-section leveling; plane-table, transit, and stadia topographic surveys; solar and stellar observations for the determination of meridian and latitude; triangulation including base line measurement; measurement of stream discharge; hydrographic surveying. II. Simple, compound, reversed, spiral, and vertical curves; frogs and turnouts; reconnaissance survey; preliminary survey; paper location; final location; mass diagram and earthwork computation; slope-staking; estimate of quantities and cost. III. Topographical drawing, mapping of traverse and boundary surveys, and other drawings of a similar nature. *Five lecture hours and forty-six laboratory hours a week, summer term. Laboratory fee, $10.00.* Credit, 4 courses. Professor Trimble.

24abc. REINFORCED CONCRETE STRUCTURES. Prerequisite, Engineering 5abc.

Development of the mathematical principles involved in the design of plane and reinforced concrete beams, slabs, columns, foundations, retaining walls, arches, and girder bridges. *Two lecture hours a week, fall, winter, and spring quarters.* Credit, 1 course. Professor Hickerson.

25abc. ENGINEERING DESIGN.

Application of the principles in course 24 to specific problems in the design of reinforced concrete buildings and bridges. *Three laboratory hours a week, fall, winter, and spring quarters.* Credit, ¾ course. Professor Hickerson, Mr. Noe.

32abc. HYDRAULICS. Prerequisite, Mathematics 4-5-6E.

The principles of flow of water through orifices, weirs, tubes, nozzles, pipes, and open channels as applied to measurement of water to hydraulic engineering. The fundamental principles of impulse wheels, reaction turbines, and centrifugal pumps. *Three lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.00 a quarter.* Credit, 2⅓ courses. Professor Saville, Mr. Merryfield.

34abc. HYDRAULIC AND SANITARY ENGINEERING. Prerequisite, Engineering 32bc.

The fundamentals of design, construction, and operation of water supply and sewerage systems as applied to municipalities and rural communities. Attention is given to preliminary studies of rainfall, stream flow, and storage as applied to both water supply and water power. *Three lecture hours a week, fall, winter, and spring quarters.* Credit, 1½ courses. Professors Saville, Baity.

35abc. SANITARY ENGINEERING DESIGN.

Application of principles in course 35 to specific problems in the general layout of simple projects for water works and sewerage. Considerable time is spent in the laboratory performing routine tests of water and sewage. *Three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 fall quarter; $4.00 winter and spring quarters.* Credit, ¾ course. Professors Saville, Baity, Mr. Hollett.

44a. CITY PLANNING.
Growth of cities; street plans; subdivisions; housing; recreation facilities; zoning; transportation terminals; traffic regulations. *Three lecture hours a week, fall quarter.* Credit, ½ course. Professor Trimble.

44b. HIGHWAY ENGINEERING. Prerequisite, Engineering 23s or equivalent experience.
A study of location, construction, and maintenance of the various types of highways; characteristics of road materials; highway administration, legislation, and organization. *Three lecture hours a week, winter quarter.* Credit, ½ course. Professor Trimble.

44c. RAILWAY ENGINEERING. Prerequisite, Engineering 23s, or equivalent experience.
Roadbed construction; ballast; ties and tie-plates; rails; frogs and switches; fences and cattleguards; bridge and trestle floors; track signs, etc. *Three lecture hours a week, spring quarter.* Credit, ½ course. Professor Trimble.

45abc. ENGINEERING DESIGN.
Application of principles in course 44 to specific problems in city planning and the physical testing of road materials. *Three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Credit, ¾ course. Professor Trimble.

50abc. ELECTRICAL MEASUREMENTS. Prerequisite, Physics 1-2-3E or Physics 1-2 and Mathematics 4.
A study of the fundamental principles of electric circuits and apparatus. Designed especially for students in Chemistry. The laboratory work will include the methods of electrical measurements used in the chemical laboratory, together with the applications of electrical energy for heating and control. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Mr. Winkler.

60abcs. ELEMENTS OF ELECTRICAL ENGINEERING. Prerequisite, Mathematics 4-5-6E.
A study of the generation, transmission, control, and utilization of electrical energy, designed especially to meet the needs of students in Civil Engineering. Textbook: Gray's Principles and Practice of Electrical Engineering. *Three lecture and three laboratory hours a week, fall, winter, spring and summer quarters. Laboratory fee, $5.00 a quarter.* Credit, 3 courses. Mr. Stainback.

62bcs. ELEMENTS OF ELECTRICAL ENGINEERING. Prerequisite, and Mathematics 4-5-6E.
A study of the fundamentals of direct-current generators and motors, followed by the elements of alternating-current circuits in the spring quarter. The laboratory work consists of studies of the operating characteristics of direct-current machines; direct-current measurements; the effect of resistance, inductance, capacity, and frequency in alternating-current circuits. Textbooks: Timbie and Bush. *Two lecture and two laboratory hours a week, winter, spring, and summer quarters. Laboratory fee, $4.00 a quarter.* Credit, 1½ courses. Professor Lear, Mr. Stainback.

63abcs. ELECTRICAL MACHINERY. Prerequisite, Engineering 62bcs and Mathematics 4-5-6E.
A thorough study of direct-current machines, followed by the elements of alternating-current circuits and machines, with special attention to the alternator, transformer, and induction motor. Textbooks: Langsdorf and Lawrence I. *Four hours a week, fall, winter, spring, and summer quarters.* Credit, 3 courses. Professor Lear.

64abc. ALTERNATING-CURRENT MACHINERY AND POWER TRANSMISSION. Prerequisite, Engineering 63abcs and Mathematics 4-5-6E. A thorough study of the theory of the alternator, transformer, synchronous motor, synchronous converter, induction motor and generator, and the various types of single phase commutator motor; the electrical principles involved in long distance power transmission, with an introduction to the treatment of long lines by means of hyperbolic functions. *Five hours a week, fall, winter, and spring quarters.* Credit, 3 courses. Professor Bason.

73abcs. JUNIOR ELECTRICAL LABORATORY. Corequisite, Engineering 63abcs.

One laboratory experiment and report a week throughout the year. Performance characteristics of direct-current generators and motors; parallel operation of shunt and compound machines; heat runs; pump-back tests; location of faults. *Three laboratory hours a week, fall, winter, spring, and summer quarters. Laboratory fee, $5.00 a quarter.* Credit, 1 course. Professor Lear.

74abc. ALTERNATING-CURRENT MACHINERY LABORATORY. Corequisite, Engineering 64abc.

One experiment and report a week throughout the year. Measurement of alternating-current circuit constants; series and paralled resonance; investigation of e.m.f. and current wave shapes by means of the oscillograph; harmonics in polyphase circuits; regulation, hearing and efficiency tests on the transformer, alternator, synchronous motor and converter, induction motor; operating characteristics of the induction generator, single phase commutator motor, mercury arc rectifier. *Six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $7.00 a quarter.* Credit, 1½ courses. Mr. Winkler.

75abc. ELECTRICAL APPLICATIONS LABORATORY. Corequisite, Engineering 85 and 86.

One laboratory experiment and report a week, accompanying the courses in special fields; a considerable portion of the time will be spent in the standardization laboratory in calibration tests on direct-current and alternating-current measurements instrument, magnetic measurements, iron loss, and instrument transformers. *Four laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Credit, 1 course. Mr. Stainback.

84abc. DYNAMO DESIGN. Corequisite, Engineering 63abc.

Electrical, mechanical, and economic questions involved in the design of electrical machinery; the effect of the design constants on the proportions and operation of machines. Each student will be required to make complete calculations for a d.c. generator or motor, a transformer, and an alternator. Reference book: Gray. *Two lecture and four laboratory hours a week, fall, winter, and spring quarters.* Credit, 2 courses. Mr. Winkler.

85a. ELECTRIC CIRCUITS. Prerequisite, Engineering 63abc and Mathematics 4-5-6E or equivalent.

A mathematical study of the fundamental phenomena in the electric, magnetic, dielectric, and thermal circuits, emphasizing the circuital relations common to all. Considerable attention will be devoted to the application of complex quantities to alternating current circuits. *Three hours a week, fall quarter.* Credit, ⅓ course. Professor Bason.

85b. ELECTRICAL MEASUREMENTS. Prerequisite, Engineering 85a.

Theory, calibration, and use of instruments for the measurement of current, potential difference, power, and energy; bridge methods of measuring resistance, inductance, and capacitance; instrument transformers; magnetic measurements; dielectric tests; cable testing. Textbook: Laws. *Three hours a week, winter quarter.* Credit, ⅓ course. Professor Bason.

85c. COMMUNICATION ENGINEERING. Senior elective.
A study of the fundamentals involved in the transmission of intelligence by telegraph, telephone, and radio; local and central office equipment for manual and machine switching systems; elements of telegraph and telephone transmission; laws of oscillatory circuits; radio transmission; study of the electron tube as detector, amplifier, and oscillator. *Three hours a week, spring quarter.* Credit, ⅓ course. Professor Bason.

86a. INDUSTRIAL APPLICATIONS. Prerequisite, Engineering 63abcs.
Selection, arrangement, and control of central station equipment; application and control of d.c. and a.c. motors for textile mills, steel mills, machine shops, etc.; industrial heating; electric furnaces; electric welding. *Three hours a week, fall quarter.* Credit, ⅓ course. Professor Lear.

86b. ILLUMINATING ENGINEERING. Prerequisite, Engineering 63abcs.
A study of the physical, physiological, and psychological principles of light and illumination; comparison of light sources; photometry; design of illumination systems for various commercial purposes. *Three hours a week, winter quarter.* Credit, ⅓ course. Professor Lear.

86c. ELECTRIC RAILWAY ENGINEERING. Senior elective.
Design of electric railway systems; train resistance; speed-time curves; power requirements; motor equipment and control; distribution systems; main-line electrification. *Three hours a week, spring quarter.* Credit, ⅓ course. Professor Lear.

90abc. STEAM MACHINERY. Prerequisite, Mathematics 4-5-6E and Physics 1-2-3E.
A course in the fundamentals of steam-power and power-plant machinery, designed especially for the needs of students in Chemical, Civil, and Electrical Engineering. Textbook: Notes prepared for the class, and Heat Engines by Allen and Bursley. *Three lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Credit, 3 courses. Professor Hoefer, Mr. Lowery.

91s. ELEMENTARY MACHINE DESIGN. Prerequisite, Engineering 1abc. Corequisite, Engineering 2a. For Mechanical Engineers.
A study of the elementary parts of machines, including riveted joints, screws, keys, axles, shafts, gearing, belting, springs, and power transmissions. Sizes of parts are calculated both on the basis of the principles of mechanics and on the basis of accepted empirical methods. *Twenty laboratory hours a week, summer term.* Credit, 1¼ courses. Professor Hoefer.

91abc. MACHINE DESIGN. Prerequisite, Engineering 2a, 5abc, and 91s.
A continuation of Engineering 91s. Further study of methods of calculation of form and size, based on load to be carried, of machine parts. The design of a complete machine is carried through, including calculations and preparation of working drawings. *Two lecture and six laboratory hours a week, fall, winter, and spring quarters.* Credit, 3 courses. Professor Bailey.

92c. GENERAL AERONAUTICS. Prerequisite, Engineering 5abc.
A study of simple aerodynamics, airplane engines, aircraft instruments, navigation, and commercial aviation. Textbook: Simple Aerodynamics by Monteith and Carter. *Three lecture hours a week, spring quarter.* Credit, ½ course. Professor Bailey.

93abc. THERMODYNAMICS AND HEAT ENGINES. Prerequisite, Mathematics 4-5-6E, Physics 1E, 2E, 3E.

A study of the laws governing the transformation of heat into mechanical energy; properties of gases, and vapors; gas and vapor cycles; power, efficiency, and performance of heat engines; study of steam engines, steam turbines, and gas engines, compressed air, and refrigeration. Textbook: Hirschfeld and Barnard. *Four lecture and three laboratory hours a week, fall, winter, spring, and summer quarters. Laboratory fee, $5.00 a quarter.* Credit, 3 courses. Professor Hoefer.

94ab. STEAM ENGINEERING. Prerequisite, Engineering 93abc.

A study of fuels and combustion, boilers and accessories, gas producers, feed-water heaters, economizers and condensers. *Five lecture and three laboratory hours a week, fall and winter quarters. Laboratory fee, $5.00 a quarter.* Credit, 2 courses. Professor Hoefer.

95c. STEAM AND GAS ENGINEERING DESIGN. Prerequisite, Engineering 93abc and Engineering 94ab.

Calculations used in the determination of sizes and the more important details of power plant apparatus, such as steam engines and turbines, gas engines, air compressors, boilers, etc. Problems in heating and ventilation. *Three lecture and six laboratory hours a week, spring quarter.* Credit, 1 course. Professor Hoefer.

96a. AERODYNAMICS. Prerequisite, Engineering 5abc and 92c.

This course covers fluid mechanics, similitude, functions and characteristics of air foils, theory and calculation of airplane performance, propeller theory, stability, control, and maneuverability. Textbook: Airplane Design by Warner, Applied Aerodynamics by Barstow, and the reports of the National Advisory Committee for Aeronautics. *Five lecture and three laboratory hours a week, fall quarter. Laboratory fee, $5.00.* Credit, 1¼ courses. Professor Bailey.

97bc. AIRPLANE DESIGN. Prerequisite, Engineering 96a.

This course includes the calculation of airplane loadings, materials of construction, stress analysis, Department of Commerce requirements, design methods, weight control, and structural tests. Textbook: Airplane Stress Analysis by Klemin, Airplane Design by Warner, and references in structural analysis texts and current periodicals. *Two lecture and three laboratory hours a week, winter and spring quarters.* Credit, 1⅓ courses. Professor Bailey.

98bc. AIRPLANE ENGINES. Prerequisite, Engineering 93abc. Corequisite, Engineering 99abc.

A study of airplane engine theory, design principles, performance calculation, altitude effects, characteristics of existing engines, accessories, and engine testing and construction. Textbook: The Airplane Engine by Marks, and references in engine design textbooks, current literature, and manufacturers' specifications. *Two lecture and three laboratory hours a week, winter and spring quarters. Laboratory fee, $5.00.* Credit, 1⅓ courses. Professor Bailey.

99abc. HEAT ENGINES. Prerequisite, Engineering 93abc.

A continuation of thermodynamics and heat engines of the junior year. It includes a more advanced discussion of the thermodynamic processes of gases and of gas cycles, involving variable specific heats and "Real Mixture Standards"; laws governing the flow of fluids and applications to orifices and nozzles; advanced discussion of the thermodynamic processes and cycles of vapors; and a study of the regenerative cycle as applied to steam turbine practice. *Two lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00.* Credit, 2 courses. Professor Hoefer.

Courses Primarily for Graduates

100c. CONTRACTS AND SPECIFICATIONS.
A course covering the laws of contracts, a detailed study of methods of writing correct specifications, the matter of securing or submitting bids, and the subject of bid bonds. Credit, ½ course. Professors Braune, Saville.

105abc. ADVANCED STRENGTH OF MATERIALS. Prerequisite, Engineering 5abc.
General theory of flexure, combined stresses, Lamé's theory for thick hollow cylinders, flexure of curved beams; and other theoretical and empirical matter on the general subject of strength of materials that is not treated exhaustively in the undergraduate curriculum of most engineering schools. Credit, 1½ courses. Professor Hickerson.

106abc. ADVANCED ENGINEERING MATERIALS. Prerequisite, Engineering 6bc, or equivalent.
Composition and physical properties of materials used in engineering construction; specifications and inspection methods; investigation of special properties and uses of important materials; improved methods of testing and manufacture; development of new methods of specification. *Three lecture & six laboratory hours a week. Laboratory fee, $5.00 a quarter.* Credit 1 course a quarter. Professor Trimble.

114abc. ADVANCED STEEL STRUCTURES. Prerequisite, Engineering 14abc and Engineering 24abc.
Secondary stresses and statically indeterminate structures, including steel arches, cantilever, suspension and movable bridges. Credit, 1½ courses. Professors Braune, Hickerson.

124abc. REINFORCED CONCRETE STRUCTURES. Prerequisites, Engineering 14abc and Engineering 24abc.
A study of the theory and design of multiple arch dams, domes, rigidly connected frames, unsymmetrical bridges, etc. Credit, 1½ courses. Professor Hickerson.

125abc. RESEARCH IN STRUCTURAL ENGINEERING. Prerequisites, Engineering 14abc, 24abc, or equivalent.
A course for graduate students desiring to engage in an intensive analytical or experimental investigation of structural engineering problems. *Three lecture and six laboratory hours a week. Laboratory fee, $5.00 a quarter.* Credit, 1 course a quarter. Professors Hickerson, Trimble.

130abc. SANITARY ENGINEERING. Prerequisites, Engineering 34abc and Engineering 35abc, or equivalent.
An advanced course in the design and operation of water supply and sewerage systems, and water and sewage purification plants, including preliminary studies, design of piping, pumps and filters, water rates, leakage surveys, financial management, etc. Occasional lectures will be given by practicing engineers and waterworks superintendents. Credit, 1½ courses. Professors Saville, Baity.

131abc. RESEARCH IN HYDRAULIC AND SANITARY ENGINEERING. Prerequisites, Engineering 34abc and 35abc, or equivalent.
For graduate or special students desiring to conduct investigations in hydrology, water or sewage treatment, or stream pollution. *Laboratory fee, $5.00 a quarter.* Credit, 1 to 3 courses. Professors Saville, Baity.

132a. HYDROLOGY. Prerequisites, Engineering 34abc and Engineering 35abc, or equivalent.

A detailed study of rainfall, stream flow, meteorology, and other factors influencing hydrological investigations. The application of modern statistical methods to such problems is particularly stressed. *Laboratory fee, $2.00.* Credit, ½ course. This course may be continued for additional credit. Professor Saville.

133abc. SANITARY CHEMISTRY AND BIOLOGY FOR ENGINEERING STUDENTS. Prerequisites, Chemistry 1-2E, Engineering 34abc and Engineering 35abc, or equivalent.

A course designed to give intensive training in the laboratory methods employed in sanitary engineering practice. The work includes microscopical examinations; physical, chemical, and bacteriological determinations on water, air, milk, sewage, and industrial wastes; the analysis of sand and gravel for filtration purposes; limnological studies of streams and reservoirs; stream pollution investigations; and the application of laboratory tests to the control of sanitary works. Class and laboratory exercises are supplemented by field work and plant inspections. *Laboratory fee, $5.00 a quarter.* Credit, 1 to 3 courses. Professor Baity.

134bc. WATER POWER ENGINEERING. Prerequisites, Engineering 132a or equivalent.

The investigation and design of water power developments, including preliminary hydrological studies, investigation of dam foundation, dam design, characteristics and selection of turbines, etc. A complete report will be prepared, including estimated cost of development, market for power, relation to other power systems, and financing. This course may be followed by Engineering 164. *Laboratory fee, $2.00 a quarter.* Credit, 1 course. Professor Saville.

135bc. REGIONAL AND CITY PLANNING. Prerequisite, Engineering 34abc, 44abc, or equivalent.

Following an historical résumé of the subject, there is presented by means of lectures and readings a detailed topical analysis of the broad principles governing modern practice. The legal aspects are first treated, followed by consideration of the effects of physical factors, such as topography, river or sea front, etc. Consideration of communication facilities includes street plan, traffic control, transportation and transit problems, and port and industrial development. Zoning, housing, recreation, public health, statistics, public safety, and methods of financing precede a final analysis of numerous city or regional plans in effect in different parts of the country. *Three lecture hours a week.* Credit, ½ course a quarter. Professors Saville, Trimble, and other members of the graduate faculty.

145abc. HIGHWAY ENGINEERING RESEARCH AND DESIGN. Prerequisite, Engineering 44abc, 45abc, or equivalent.

Laboratory research problems in highway materials; investigation of problems in the scientific design and construction of modern road types; problems involving the development of equipment for use in investigation or specification of methods and materials. *Three lecture and six laboratory hours a week Laboratory fee, $5.00 a quarter.* Credit, 1 course a quarter. Professor Trimble.

164a. ELECTRIC TRANSIENTS.

The mathematical theory of the phenomena of the transient state met with in the operation of electric circuits and machines; training in the technique of the oscillograph by the taking of a large number of oscillograms of characteristic transient phenomena. *Laboratory fee, $10.00.* Credit, 1 course. Professor Bason.

164b. HYPERBOLIC FUNCTIONS APPLIED TO TRANSMISSION PROBLEMS.
Use of hyperbolic functions of complex variables in the calculation of long distance transmission systems. Power relations in long lines; design of artificial lines. Credit, 1 course. Professor Bason.

164c. DESIGN OF TRANSMISSION SYSTEMS.
Economic principles involved in the preliminary layout; insulation and lightning protection; sag of conductors; mechanical design of poles and towers. Credit, 1 course. Professor Bason.

184abc. ELECTRICAL ENGINEERING RESEARCH AND DESIGN.
The solution of one or more definite problems in some particular field of electrical engineering. The work of this course will be outlined, as far as possible, to suit the needs of the individual student, and will consist of original investigations, designs, or the economic study of some existing electric power plant. Credit, 1 to 3 courses. Professors Bason, Lear.

194abc. ENGINEERING THERMODYNAMICS.
Advanced thermodynamics, with particular reference to application to steam turbine design, internal combustion engines, refrigerating machinery, heat transfer, and heating and ventilating systems. Credit, 1½ courses. Professor Hoefer.

195abc. ADVANCED MECHANICAL ENGINEERING LABORATORY.
Special experimental investigations in heat-power, refrigerating, and heating and ventilating equipment. Credit, 1 to 3 courses. Professor Hoefer.

DEPARTMENT OF ENGLISH

Professors *ROYSTER, KOCH, FOERSTER, BOOKER, MCKIE, HIBBARD, TAYLOR, THRALL, JONES; Associate Professors *HOWELL, PAINE, MACMILLAN; Assistant Professors POTTER, HEFFNER, *MCCLAMROCH, **WRIGHT, ADAMS, OLSEN; Acting-Assistant Professor BOND; Instructors ABBOT, POSEY, SHINE, BAILEY, WILSON, STROUP, RUSSELL, HALL; Teaching Fellows SENSABAUGH, SPIVEY, FARRAR; Assistants HORNER, MCCOY, WALLACE, HUNSAKER, EVINS, MORRIS, BREWSTER, HODGIN.

Courses for Undergraduates

English 1 and two of the three sophomore courses (English 3, 4, 5) are prerequisite to all advanced courses in the department.

1. FRESHMAN ENGLISH. Required of all Freshmen except those in the School of Engineering.
Intensive reading chiefly in prose: extensive reading among selected books in the Library; training in reading through a progressive series of exercises; training in writing through exercises in sentence-revision and through frequent written compositions. Fortnightly conferences. *Five hours a week, every quarter.* Professors Thrall (Chairman), MacMillan, Potter, Bond, Messrs. Posey, Abbot, Horner, Shine, Russell, McCoy.

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* Absent on leave, 1929-1930.
** Absent on leave, winter quarter, 1930.

1a. COMPOSITION.

A prerequisite of English 1 for Freshmen who need additional drill in the mechanics of writing. In the case of Freshmen required to take this course, it will take the place of an elective course. One hour weekly is given to oral English. Intensive and extensive reading. Fortnightly conferences. *Six hours a week, every quarter.* Professor Adams (Chairman), Messrs. Wilson, Hunsaker, Brewster, Farrar, Sensabaugh, Morris, Evins.

CC. COMPOSITION. Open only to students who have conditions in English composition. No academic credit is given for this course.

A non-credit course designed to provide training and practice in English composition for students to whom "composition conditions" have been assigned. Successful work in this course means the automatic removal of outstanding "composition conditions." *Five hours a week, winter quarter.* Professor Thrall.

3, 4, 5. ENGLISH LITERATURE. Prerequisite, English 1.

Works representative of the different forms of literary expression prevailing from the time of Chaucer to the present are studied. English 3 consists of poetry; English 4, of prose fiction; English 5, of the drama. In all courses at least four hours a week extensive reading along lines suggested by the instructor are required; in all, considerable emphasis is placed on composition. All Sophomores (except those in Engineering) are required to take two of these courses. The student may choose his two required courses; the third course may be counted as a Sophomore elective. *Five hours a week, every quarter.* Professors Potter (Chairman), Foerster, Booker, Hibbard, Thrall, McKie, Taylor, Jones, Paine, MacMillan, Heffner, Adams, Wright, Bond, Messrs. Posey, Abbot, Horner.

6. COMPOSITION. Sophomore elective. Open also to a small number of Freshmen who have passed English 1 with a minimum grade of C.

Practice in expository writing; readings chosen from literature that is not normally studied in English 3-4-5. *Five hours a week, spring quarter.* Professor MacMillan.

The following courses, 9ab, 10, 11abc, and 12abc, are offered by the Department of English for students in the School of Engineering. They are not open to other students.

9ab. COMPOSITION FOR ENGINEERS: INTRODUCTORY COURSE. *Three hours a week and weekly conferences, through two quarters.* Mr. Bailey (Chairman), Messrs. Stroup, Spivey.

10. PUBLIC SPEAKING FOR ENGINEERS.

Three hours a week, through one quarter. Professor McKie.

11abc. ADVANCED TECHNICAL COMPOSITION.

Four hours a week, fall, winter, and spring quarters. Professors Wright, Olsen.

12abc. LITERATURE FOR ENGINEERS.

One hour a week, fall, winter, and spring quarters. Professors Wright, Olsen.

13-14-15. DRAMATIC INTERPRETATION. Sophomore, Junior, and Senior elective.

A course in the study of drama from the standpoint of oral interpretation. In the fall quarter the material will be drawn from the drama before Shakespeare, in the winter quarter, Shakespeare through Sheridan, in the spring quarter, Ibsen to the present time. *Three hours a week, fall, winter, and spring quarters.* Professor McKie.

16-17-18. PUBLIC SPEAKING. Sophomore, Junior, and Senior elective. Special emphasis is given in the fall quarter to the recurring questions in government, economics, and sociology; in the winter quarter to analysis, brief making, and debating; in the spring quarter to various types of public addresses. *Three hours a week, fall, winter, and spring quarters.* Professor Olsen.

20. BUSINESS CORRESPONDENCE. Junior and Senior elective.
Especially designed for students in the School of Commerce. Registration only with permission of the instructor. *Five hours a week, each quarter.* Professor Potter, Mr. Posey.

Registration in English 21, 22, 23 is limited. Before registering for these courses, students must secure the permission of the instructors.

21. ADVANCED COMPOSITION: THE TECHNIQUE OF EXPOSITION. Junior and Senior elective.
A course in expository writing for students desiring practice in organization of material. *Five hours a week, fall quarter.* Professor Potter.

22. ADVANCED COMPOSITION: ESSAY WRITING. Junior and Senior elective.
Five hours a week, spring quarter. Professor Jones.

23. ADVANCED COMPOSITION: THE SHORT STORY. Junior and Senior elective.
Five hours a week, winter quarter. Professor Potter.

31. PLAY WRITING.
A practical course in playwriting. Emphasis is placed on the materials of local tradition and of present day life in North Carolina. Students from other sections are expected to make use of the materials of their own experience and observation. Plays written in the course are selected for production by The Carolina Playmakers. *Five hours a week, fall quarter.* Professor Koch.

32. PLAY WRITING.
A consideration of the elements of play construction and practice in the one act-form. *Five hours a week, winter quarter.* Professor Koch.

33. PLAY WRITING.
Practice in writing the full length play with demonstrations of plays written in the course. *Five hours a week, spring quarter.* Professor Koch.

The following three courses, English 34, 35, 36, are introductory courses in the theory and practice of the theatre designed for students participating in the work of The Carolina Playmakers.

34. ACTING.
Training in the technique of acting. *Three hours lecture and four hours practical work a week, fall quarter. Fee for materials, $2.00.* Professor Heffner, Mr. Hall.

35. PRODUCTION.
The theory and practice of play directing. *Three hours lecture and four hours practical work a week, winter quarter. Fee for materials, $2.00.* Professor Heffner, Mr. Hall.

36. THEATRE ARTS.
The essential arts involved in the producing of plays. *Three hours lecture and four hours practical work a week, spring quarter. Fee for materials, $2.00.* Professor Heffner, Mr. Hall.

37. SHAKESPEARE: THE COMEDIES. Sophomore, Junior, and Senior elective.

A study of Shakespeare's contribution to comedy. There is a consideration of Elizabethan conditions, the technique of the theatre, and the art of the playwright, and a comparison of Shakespeare's practice in comedy with the classical and other forms. (Given in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Koch.

38. SHAKESPEARE: THE TRAGEDIES. Sophomore, Junior, and Senior elective.

This course is complementary to English 37. It is a study of Shakespeare's contribution to tragedy and a consideration of his conception of tragedy as compared with the classical and modern types. (Given in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Koch.

50abc. READING COURSE.

Strongly recommended to undergraduates majoring in English who desire to prepare for their comprehensive examination. This course may be elected in any quarter, but credit is not given until the completion of two quarters' work. Open also to students not majoring in English who desire to read in the field of their literary interest. *Three hours a week, fall, winter, and spring quarters.* Professor Paine.

55. VICTORIAN LITERATURE, I. Junior and Senior elective.

The aims of this course and the one that follows it (56) are to understand the best known and the most representative works of the chief Victorian writers, to appreciate their literary qualities, and to relate them to their time and to ours. The writers studied in English 55 are Carlyle, Tennyson, Browning, Arnold, Dickens, Thackeray, and Charlotte Brontè. *Five hours a week, fall quarter.* Professor Booker.

56. VICTORIAN LITERATURE, II. Junior and Senior elective.

(For description, see 55 above.) The writers studied in this course are Ruskin, Rossetti, Morris, Swinburne, George Eliot, George Meredith, and Stevenson. *Five hours a week, winter quarter.* Professor Booker.

59. AMERICAN LITERATURE. Sophomore, Junior, and Senior elective.

A survey of American literature from Poe and Emerson to Whitman. *Five hours a week, winter quarter.* Professor Hibbard.

60. AMERICAN LITERATURE. Sophomore, Junior, and Senior elective.

A survey of American literature from Whitman to the present. *Five hours a week, spring quarter.* Professor Hibbard.

66. THE NINETEENTH CENTURY NOVEL. Sophomore, Junior, and Senior elective.

The development of the English novel during the nineteenth century. *Five hours a week, fall quarter.* Professor MacMillan.

67. RECENT ENGLISH LITERATURE. Junior and Senior elective.

The primary object of this course is to follow certain main currents of modern thought in the more significant literature of the three decades preceding 1914. The authors with whom the course is chiefly concerned are Hardy, Kipling, Arnold Bennett, Wells, Conrad, and Shaw. *Five hours a week, spring quarter.* Professor Booker.

72. THE CONTEMPORARY NOVEL. Junior and Senior elective. *Five hours a week, spring quarter.* Professor Potter.

DEBATING 1. Sophomore, Junior, and Senior elective.

A course in the discussion of present questions in politics, economics, and sociology. It meets once a week for about eight weeks in each quarter and carries credit of one-half course. The meetings are conducted by members of the faculty in whose field the questions under discussion lie. Professor McKie, Chairman.

Courses for Graduates and Advanced Undergraduates

40. ENGLISH LITERATURE OF THE RENAISSANCE.

A survey of the literature of the Elizabethan period, exclusive of the drama. The poetry of the period, particularly that of Edmund Spenser, is stressed. *Five hours a week, fall quarter.* Professor Thrall.

43. PRE-SHAKESPEARIAN DRAMA.

A study of English drama from the beginnings to about the year 1600. Open only to students who have had one of the following: English 37, 38, 40, or an equivalent course. (Given in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Taylor.

44. ELIZABETHAN DRAMA.

A study of English drama from 1600 to 1642. Open only to students who have had one of the following: English 37, 38, 40, or an equivalent course. (Given in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Taylor.

45. MILTON.

The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. *Five hours a week, spring quarter.* Professor Taylor.

46ab. SHAKESPEARE: HISTORICAL AND CRITICAL PROBLEMS.

The works of Shakespeare are studied with emphasis upon the historical and critical problems which they present. Open to those students who have had one of the following courses or an equivalent course: English 37, 38, 40, 43, 44. (Given in 1930-1931 and in alternate years. See English 43, 44.) *Five hours a week, fall and winter quarters.* Professor Taylor.

47. ENGLISH LITERATURE, 1616-1700.

The non-dramatic literature of the period. (Given in 1931-1932 and in alternate years. See English 75.) *Five hours a week, winter quarter.* Professor Jones.

48. ENGLISH LITERATURE, 1700-1780.

The non-dramatic literature of the period. (Given in 1931-1932 and in alternate years. See English 113.) *Five hours a week, spring quarter.* Professors Jones, MacMillan.

51. ENGLISH LITERATURE, 1780-1830.

A survey of English literature of the romantic period with especial attention to the greater poets. *Five hours a week, fall quarter.* Professor Jones.

63. AMERICAN LITERATURE, 1870-1900.

(Given in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professors Jones, Paine.

64. THE ROMANTIC MOVEMENT IN AMERICAN LITERATURE.

(Given in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professors Foerster, Paine.

65. AMERICAN LITERATURE.
A survey of the literature of the colonial, revolutionary, and early national periods. *Five hours a week, fall quarter.* Professor Paine.

68. COMPARATIVE DRAMA.
A general survey of the drama and the theatre from Aeschylus to Ibsen. The development of dramatic literature is studied through representative plays (in translation) of the leading European dramatists. *Five hours a week, winter quarter.* Professor Koch. (The course is the same as Comparative Literature 68.)

69. NINETEENTH CENTURY DRAMA.
A study of representative English plays in the nineteenth century. Particular attention is paid to the Celtic Renaissance. Consideration is given to the beginnings of a new folk drama in America. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

71. MODERN DRAMA.
A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (Given in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch. (The course is ths same as Comparative Literature 71.)

75. RESTORATION AND EIGHTEENTH-CENTURY DRAMA.
A study of the drama from 1660 to 1800. (Given in 1930-1931 and in alternate years. See English 47.) *Five hours a week, fall quarter.* Professors Jones, MacMillan.

78. LITERARY CRITICISM.
The principles that have animated classical, romantic, and realistic literature. *Five hours a week, spring quarter.* Professor Foerster. (The course is the same as Comparative Literature 78.)

79. WRITING OF CRITICISM. Junior, Senior, and Graduate Elective. Prerequisite or corequisite, English 78.
Articles and Conferences. This half course may be taken only by permission of the instructor. *Three hours a week, spring quarter.* Professor Foerster.

81. OLD ENGLISH: INTRODUCTORY COURSE.
A study of Old English grammar and syntax. A considerable amount of Old English prose is read. *Five hours a week, fall quarter.* Professor Bond.

83. MIDDLE ENGLISH: CHAUCER.
Previous training in Old or Middle English, not a fixed prerequisite. The work of the course will consist chiefly of a reading and discussion of Chaucer's works, with some consideration of Chaucer's language. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Bond.

85. MEDIEVAL ROMANCE IN ENGLISH.
A survey of medieval romance and romance materials in English literature, with particular attention to the Arthurian tradition. *Five hours a week, spring quarter.* Professor Thrall.

Courses Primarily for Graduates

101. STUDIES IN OLD ENGLISH LITERATURE: BEOWULF. Prerequisite, English 81.
(Given in 1930-1931 and in alternate years.) *Five hours a week, fall or spring quarter.* Professor Royster.

102. STUDIES IN MIDDLE ENGLISH LITERATURE.
The main purpose of the course is to acquaint the student with the social, political, and religious background of medieval England. A fuller study will be made of the historical and philological relations of Middle English than in English 83. (Given in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Bond.

105. MIDDLE IRISH.
This course is the same as Celtic 105. (See Department of Romance Languages.) (Given in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Holmes.

110. SEMINAR: STUDIES IN ELIZABETHAN LITERATURE.
Research in special problems in Elizabethan literature. (Given in 1931-1932 and in alternative years.) *Five hours a week, spring quarter.* Professor Taylor.

112. SEMINAR: STUDIES IN SEVENTEENTH CENTURY LITERATURE.
Research in special problems in the literature and thought of the seventeenth century. Open to those who have had one or more of the following courses or an equivalent: English 40, 45, 47. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Howell.

113. SEMINAR: STUDIES IN EIGHTEENTH-CENTURY LITERATURE.
Special problems in the literary and intellectual movements of the eighteenth century. Open only to students who have had English 47, 48, 75, or an equivalent course. (Given in 1930-1931 and in alternate years. See English 48.) *Five hours a week, winter quarter.* Professor Jones.

117. SEMINAR: STUDIES IN NINETEENTH CENTURY ROMANTICISM IN ENGLAND.
Wordsworth and Coleridge: the English and Continental aspects of their thought and art. *Five hours a week, fall quarter.* Professor Foerster. (The course is the same as Comparative Literature 117.)

118. SEMINAR: STUDIES IN NINETEENTH CENTURY ROMANTICISM IN AMERICA.
Five hours a week, winter quarter. Professor Foerster. (This course is the same as Comparative Literature 118.)

120ab. SEMINAR: STUDIES IN VICTORIAN LITERATURE, 1832-1860.
Winter quarter: brief oral reports from selected bibliographies upon literary reflections of Victorian thought, history, and institutions. Spring quarter: preparation under guidance of a written report on a single problem. *Five hours a week, winter and spring quarters.* Professor Booker.

125. PLAY WRITING, ADVANCED COURSE.
A practical course in playwriting with a study of the development of dramatic theory. Emphasis is placed on the native tradition and present-day life with which the student is familiar. The Carolina Playmakers furnish a working laboratory in production for the plays written in the course. *Five hours a week, fall quarter.* Professor Koch.

126. PLAY WRITING, ADVANCED COURSE.
The principles of dramatic construction and practice in writing one-act plays. *Five hours a week, winter quarter.* Professor Koch.

127. PLAY WRITING, ADVANCED COURSE. Practice in writing the full length play with demonstrations of plays written in the course. *Five hours a week, spring quarter.* Professor Koch.

131ab. SEMINAR: BIBLIOGRAPHY.
The principles and methods of the study of English with a series of simple problems in bibliography and literary history. Required of all candidates for the A.M. and Ph.D. degrees. *Three hours a week, fall and winter quarters.* Professor Paine.

140. SPECIAL READINGS.
Reading in a special field under the direction of a member of the department. This course may not be repeated for credit.

141. SPECIAL RESEARCH.
Research in a special field under the direction of a member of the department.
Attention is called to the courses in philology and advanced literary study offered in the departments of Classics (Latin 30, Mediæval Latin; Latin 104, Latin Epigraphy; Latin 105, Latin Paleography), Comparative Literature, Germanic Languages (German 111, Introduction to Comparative Philology; German 101, Gothic, etc.), and Romance Languages (French 121-122-123, Old French; French 125, Provençal; Spanish 121-122, Early Spanish; Italian 12, 13, Dante; etc.)

DEPARTMENT OF GEOLOGY

Professors COBB, PROUTY; Associate Professor SWARTZ; Assistant Professors MACCARTHY, BYNUM; Teaching Fellow MARTIN; Assistants Miss NORBURN, Messrs. KESLER, COOK, SCOTT, KURALT, HOLLAND.

Courses for Undergraduates

1-2. INTRODUCTION TO GEOLOGY.
Lectures with laboratory and field work; laboratory work in the first quarter on common minerals and rocks, and map interpretation; in the second quarter on geological folios and the more common fossils. The first quarter deals with physical geology, with physiographic processes and their results; the second quarter is a study of the outlines of historical geology. Geology 1 is offered during the summer on the transcontinental tour also. *Four lecture and four laboratory hours a week, fall and winter or winter and spring quarters. Geology 1 repeated in spring quarter. Laboratory fee, $3.00 a quarter.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistants.

3-4. MINERALOGY. Junior and Senior elective. Prerequisite, Geology 1-2, Chemistry 1-2.
Crystallography, physical and chemical properties of minerals, blow-pipe analysis; lectures, laboratory work, and field work. *Two lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, $5.00 a quarter.* Professor MacCarthy.

5. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Required of Freshmen in the School of Commerce. Elective for A.B. in Education.
Lectures and laboratory work. The first part of the course deals briefly with weather and climate, origin and nature of soils, and the chief natural divisions of the world. *Five hours a week, every quarter. Materials fee, $3.50.* Professor Bynum.

6. PHYSICAL GEOGRAPHY.
This course is to be based on a standard text-book of physical geography and will cover the same ground as is covered by standard courses of college grade in this subject. Special attention will be paid to the economic aspects of the subject. It is proposed to have a minimum of 55 lecture and laboratory (2 hour) periods. This course is offered for the transcontinental tour only. Credit, 1 course. Professors Cobb, MacCarthy, Bynum.

8. METEOROLOGY.
A study of the atmosphere and the factors controlling the weather; the making and interpretation of weather maps; weather forecasting. *Five hours lectures and equivalent laboratory a week, winter quarter. Laboratory fee, $2.50.* Professor MacCarthy.

18-19-20. ENGINEERING GEOLOGY. For students in Engineering.
Three hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, $3.50 a quarter. Professor Prouty.

21-22. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Senior elective.
Lectures, library work, and laboratory work. The course deals with man's interaction with his varying environments in the development of industries, and with the geographic conditions of different countries as giving rise to commerce. *Five hours a week, fall and winter quarters. Laboratory fee, $2.50 a quarter.* Professor Cobb, Miss Norburn.

23. HUMAN GEOGRAPHY. Senior elective.
The course consists of the principles studied in Geology 21-22 in their application to some one of the continents. *Five hours a week, spring quarter. Laboratory fee, $2.50 a quarter.* Professor Cobb, Miss Norburn.

26. ADVANCED WORK IN PHYSIOGRAPHY. Prerequisite, Geology 1-2. Junior and Senior elective.
Lectures, field work, and laboratory work, dealing in detail with physiographic processes and their results; geomorphology. An extended field study is required in this course. *Three hours a week, lectures and laboratory, spring quarter. Laboratory fee, $2.00.* Professor Cobb.

27. PRINCIPLES OF GEOLOGY. Junior and Senior elective. Prerequisite, Geology 1-2.
Principles of geology, including the history of geological science; lectures, field work, and library work, with reports, including a report on the surficial geology of a selected area at a distance from Chapel Hill. *Three hours a week, spring quarter.* Professor Cobb and Assistant.

29. PALEONTOLOGY. Prerequisite, Geology 1-2.
Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50. Professor MacCarthy.

Courses for Graduates and Advanced Undergraduates

11-12. ECONOMY GEOLOGY. Prerequisite, Geology 1-2, 3-4, Chemistry 1-2.
Lectures, laboratory work, and reports. During the fall quarter the nonmetallic minerals will be studied. The metallic minerals will be considered in the winter quarters. (1929-1930 and alternate years). *Five hours a week, lectures and laboratory, fall and winter quarters. Laboratory fee, $3.50 a quarter.* Professor Prouty.

13. PETROLOGY. Prerequisite, Geology 1-2, 3-4, Chemistry [illegible]
Laboratory work on rocks; a study of the origin, classification, and distribution of rocks. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor Prouty and Assistant.

14. PETROGRAPHY. Prerequisite, Geology 1-2, 3-4, Chemistry 1-2.
Lectures, laboratory work on the microscopic physiography of the rock forming minerals; optical mineralogy and the theory of light as applied to the polarizing microscope; minerals as observed in thin rock sections. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor Prouty.

15-16. STRUCTURAL AND FIELD GEOLOGY. Prerequisite, Geology 1-2.
Lectures, with laboratory, field work, problems, and conferences. The first quarter deals with structural geology and map interpretation; the second quarter with geological note taking, surveying, map making, and field practice. (1930-1931 and alternate years.) *Five hours a week, lectures and laboratory, fall and winter quarters. Laboratory fee, $3.50 a quarter.* Professor Prouty and Assistants.

17. OIL GEOLOGY. Prerequisite, Geology 15-16.
Lectures, laboratory work, and reports. A study of the origin, distribution, and accumulation of petroleum, with special relation to the oil fields of North America; methods of prospecting for oil, recovery of oil, the valuation of oil properties. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor Prouty.

24-25. ORIGIN AND NATURE OF SOILS. Prerequisite, Geology 1-2, 3-4, Chemistry 1-2.
Lectures, field work, laboratory work, and theses. The course is given primarily for men who wish to enter the State or Federal Soil Surveys or to engage in farming. Students in this course are expected to keep Saturday open for field work. *Five hours a week, lectures and laboratory, winter and spring quarters. Laboratory fee, $2.50 a quarter.* Professor Cobb and Assistants.

51-52-53. ADVANCED FIELD WORK AND SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY.
Problems and work adapted to the special needs of the student. For graduates and for specially prepared Seniors. Students in this course are expected to keep Saturday open for field work. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Five hours a week, fall, winter, and spring quarters.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistants.

55, 56, 57. APPLIED GEOPHYSICS. Prerequisite, Mathematics 4-5.
A survey of geophysical methods used for the detection of ore deposits, oil, etc.; a description of geophysical instruments and their use; actual geophysical surveys of selected areas about Chapel Hill. *Three lecture and four laboratory hours a week, fall, winter, and spring quarters.* Professor Swartz.

61. ADVANCED CRYSTALLOGRAPHY.
This course includes a detailed consideration of the nature of crystals and crystalline substances, the use of both contact and reflecting goniometer, and crystal drawing. Open to students who have had Chemistry 1-2 and Geology 3-4. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor MacCarthy.

71-72-73. ADVANCED PALEONTOLOGY.
A study of the classification and generic and specific determination of the invertebrata, chiefly fossil. *Five hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, $3.50 a quarter.* Professor Swartz.

74-75-76. ADVANCED PALEONTOLOGY.
A study of the anatomy, classification, and generic and specific determination of the higher invertebrata, chiefly fossil. (Given in 1930-1931, and in alternate years). *Five hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, $3.50 a quarter.* Professor Swartz.

81-82-83. ADVANCED HISTORICAL GEOLOGY. Prerequisite, Geology 1-2.
A study of the principles of historical geology and stratigraphy, the history of stratigraphic geology, the origin of the earth, and the geography, life, and geologic events of the Archaeozoic, Proterozoic, and Paleozoic eras of the earth's history. *Five hours a week, fall, winter, and spring quarters.* Professor Swartz.

91-92. SUMMER FIELD COURSE IN GEOLOGY. Prerequisite, Geology 1-2.
A six weeks course to be given in North Carolina and bordering states. In this course economic, structural, and stratigraphic geology and geological mapping will be emphasized. For details of course consult Bulletin of Geology Courses, The University of North Carolina. This course will coincide with the scheduled six weeks summer school course. This course may also be taken with transcontinental tour. *Equivalent of five hours a week for two quarters.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistant.

93-94. SUMMER FIELD COURSE IN GEOLOGY.
This course is similar to 91-92 but is to be given in alternate years with 91-92 and in a different type of geological area.

Courses for Graduates

104-105-106. SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY. The student is expected to devote six weeks to work in the field, accompanied by the instructor, and to work up his results during the first quarter of the college year. The entire research constitutes three courses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Equivalent of five hours a week, fall, winter, and spring quarters.* Professors Cobb, Prouty, Swartz, MacCarthy.

107-108-109. SPECIAL RESEARCH.
Special Research in economic geology, in historical geology, in paleontology, petrology and petrography, and in geography, two quarters of which must be taken as a seminar course. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Equivalent of five hours a week, fall, winter, and spring quarters.*
The Geological Seminar meets weekly for the review and discussion of current geological literature, and for the presentation of original papers.

DEPARTMENT OF GERMANIC LANGUAGES

Professors TOY, BROWN; Associate Professor METZENTHIN; Instructors MATTHEWS, BELL; Teaching Fellow COLLINS.

Courses for Undergraduates

1-2. ELEMENTARY COURSE.
Grammar: written and oral exercises; translation; sight reading. This course may be counted for credit toward the A.B. degree provided it is followed by German 3-4 and 21 or 22 or 25. It may be counted for credit as an elective by students who have selected for their language requirements two other foreign languages. *Five hours a week, every quarter.* Professor Metzenthin, Messrs. Matthews, Bell, Collins.

3-4. INTERMEDIATE COURSE. Freshman and Sophomore elective. Prerequisite, German 1-2 or the equivalent.
Translation, sight reading, composition, grammar, oral exercises. One section of German 4 will be offered for those who are especially interested in science, provided the teaching force of the department is not already fully occupied. *Five hours a week, every quarter.* Professors Brown, Metzenthin, Messrs. Matthews, Bell.

11. *INTERMEDIATE COURSE. Junior and Senior elective. Prerequisite, German 3-4.
Practice in writing and speaking German. *Five hours a week, spring quarter.* Professor Brown.

21. INTRODUCTION TO GERMAN LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.
Lessing: *Minna von Barnhelm;* Schiller: *Die Jungfrau von Orleans.* Lectures. Outside reading. *Five hours a week, fall or winter quarter.* Professor Toy.

22. INTRODUCTION TO GERMAN LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.
Schiller: *Wilhelm Tell*; Goethe: *Iphigenie auf Tauris,* or *Egmont.* Lectures. Outside reading. *Five hours a week, winter or spring quarter.* Professor Toy.

25-26. GERMAN LITERATURE OF THE NINETEENTH CENTURY. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.
Wide reading from the best authors. Course 25 or 26 may be taken separately for credit. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Brown.
Courses 21, 22, 25-26, are parallel in grade. They present an introduction to the study of German literature.

Courses for Graduates and Advanced Undergraduates

41-42. *GOETHE'S LIFE AND WORKS. Prerequisite, five courses in German. This course may be elected only after consultation with the instructor.
Lectures, readings, reports. *Gœtz von Berlichingen, Werthers Leiden, Tasso, Gedichte, Wilhelm Meister, Hermann und Dorothea, Briefe, Dichtung und Wahrheit. Five hours a week, two quarters, on application.* Professor Brown.

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* NOTE: Courses 11, 41-42, 43-44, 45, 101, 103, 107, 109, 111, 113, 115, will be given if they are desired by a sufficient number of students. In any case the department reserves the right to withdraw a course for which the registration is very small.
Course 11 may not be counted among the prerequisites for advanced courses.

43-44. *GOETHE'S FAUST. Prerequisite, five courses in German. This course may be elected only after consultation with the instructor.

Goethe: *Faust*, Parts I and II. *Five hours a week, two quarters, on application.* Professor Toy.

45. *GERMAN DRAMA IN THE NINETEENTH CENTURY. Prerequisite, six courses in German.

Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann. Reading, lectures, reports. *Five hours a week, one quarter, on application.* Professor Brown.

Courses Primarily for Graduates

101. *GOTHIC. Prerequisite, six courses in German.

Braume's *Gotische Grammatik*; selected parts of Paul's *Grundriss der Germanischen Philologie.* Introduction to Germanic Philology. *Five hours a week, one quarter, on application.* Professor Toy.

103. *OLD HIGH GERMAN. Prerequisite, six courses in German.

Braune's *Althochdeutsche Grammatik*; Braune's *Althochdeutsches Lesebuch. Five hours a week, one quarter, on application.* Professor Toy.

107. *MIDDLE HIGH GERMAN. Prerequisite, six courses in German.

Middle High German grammar. Wide reading. *Five hours a week, one quarter, on application.* Professor Brown.

109. *THE ROMANTIC SCHOOL IN GERMANY.

Five hours a week, one quarter, on application. Professor Brown.

111. *INTRODUCTION TO COMPARATIVE PHILOLOGY. Prerequisite, one classical and one modern foreign language. This course may be elected only after consultation with the instructor.

A study of the theories of the origin and development of human speech; primitive languages (American Indian); classification and history of languages; peculiarities of the Semitic branch (Hebrew); the Indo-European branch; classical languages; Baltic-Slavonic and Romance group (especially French); Germanic family. *One quarter, on application.* Professor Metzenthin.

113. *GERMANIC PHILOLOGY. Prerequisite, advanced English and German.

After a survey of the Indo-European family of languages the prehistoric Primitive Germanic language is explained and from it, as their source, the various Germanic dialects are traced and their historical developments discussed. An introduction to the reading and interpretation of Germanic manuscripts will be given. *One quarter, on application.* Professor Metzenthin.

115. OLD SAXON.

Introduction to the grammar and syntax of the Old Saxon dialect. Comparison with Gothic, Old High German and Old English. Study of "Heliand" and "Genesis" as well as of the minor Low German prose documents of the 9th and 10th centuries, based on Otto Basler, *Altsächsisch*, (Freidburg, 1923). *Five hours a week, one quarter, on application.* Professor Metzenthin.

117. HISTORY OF GERMAN LITERATURE FROM 1500 TO 1750.

Stress is laid on the religious (polemic, lyric) literature of the German reformation in the 16th century, with Luther as the spiritual center and as the founder of the modern German language; on the overwhelming influence of foreign literature during the 17th, and on the reaction in the first half of the 18th century. *Five hours a week, one quarter, on application.* Professor Metzenthin.

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* NOTE.—Courses 11, 41-42, 43-44, 45, 101, 103, 107, 109, 111, 113, 115, will be given if they are desired by a sufficient number of students. In any case the department reserves the right to withdraw a course for which the registration is very small.

DEPARTMENT OF HISTORY AND GOVERNMENT

Professors CONNOR, HAMILTON, WAGSTAFF, PIERSON, GRAHAM, WOODHOUSE, GARRETT, CALDWELL; Assistant Professors FRAZER, GREEN; Instructors ROBSON, MEADE, DODD, BARNES, CORBITT, JENKINS; Teaching Fellows WHITENER, CLARK, FUNDERBURK.

HISTORY*

Courses for Undergraduates

1-2. FOUNDATIONS OF MODERN HISTORY.

A general course dealing with the fundamental factors in modern civilization in Europe and the United States. The emphasis of the course will rest upon the commercial revolution, European expansion, the Protestant Revolt, colonial and dynastic rivalry, the Old Regime, the French Revolution, the Industrial Revolution, the rise of democracy, the growth of modern imperialism, and the course of modern international relations. Lectures, text-books, and readings. *Five hours a week, every quarter.* Professors Wagstaff, Graham, Garrett, Green, Messrs. Robson, Meade, Dodd, Barnes, Corbitt.

Note. History 1-2 or the equivalent are prerequisite to all other courses in this department.

3-4. ENGLISH HISTORY: GENERAL COURSE. Sophomore elective.

The purpose of this course is to convey a good working knowledge of English history and broaden it into a survey of the part the Anglo-Saxon race has played in world history. Text-book, readings, and lectures. *Five hours a week, fall and winter quarters.* Professor Wagstaff.

5-6. ANCIENT HISTORY: GENERAL COURSE. Sophomore elective.

A course dealing with the history of the Orient, Greece, and Rome to the time of Constantine. Particular attention will be paid to social and economic conditions and cultural and religious developments. *Five hours a week, winter and spring quarters.* Professor Caldwell.

7-8. AMERICAN HISTORY: GENERAL COURSE. Sophomore elective.

A general survey of the history of the United States, European background, discovery and exploration, colonization, revolution, independence, federation, western expansion, democracy, slavery, civil war, reconstruction, business and politics, progressive movement, and world politics. Lectures, text-books, and readings. *Five hours a week, fall and winter or winter and spring quarters.* Professor Graham.

12. AMERICAN BIOGRAPHY. Sophomore elective. Open to qualified Freshmen also.

A general survey of the lives of a selected group of distinguished Americans and a study of their influence upon the history of the United States. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Green.

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* NOTE: Regulations as to undergraduate majors in the Department of History and Government:

1. The courses 3-14, inclusive, are not hereafter to be credited as fulfilling the requirements of the major.
2. The major in history and government will hereafter consist of eight approved courses, although the Department in special cases may reduce this requirement to six.
3. For purposes of the major, the courses of the Department will be considered as having been divided into three "Divisions of Specialization": (1) the Division of American History, (2) the Division of European History, and (3) the Division of Government.
4. Having chosen his "Division of Specialization," the student must take at least five out of his eight courses from that division. The other three he may elect from the other two divisions.

14. THE UNITED STATES AND LATIN AMERICA. Sophomore elective. Open to qualified Freshmen also.

A course concerned with the diplomatic relations developed between the states of the Western Hemisphere from 1810 to the present. The chief interest will be in the relations of the United States and the Latin American countries. In the course such topics will be treated as the problems of recognition, the Monroe Doctrine, expansion, intervention, "headship" of the United States, Pan Americanism, arbitration, trade and cultural relations. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Pierson.

Courses for Graduates and Advanced Undergraduates

31. THE ORIENT AND EARLY GREECE.

An advanced course in the history of the Bronze Age in the Mediterranean, the beginning of civilization in Egypt, Babylonia, Syria and Palestine, and Crete, and the history of their development down to the time of the Persian Empire. Attention will be given to the hieroglyphics and cuneiform scripts, to economic conditions, governments and law, artistic and literary achievements, and religion. (Offered in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

32. GREECE: THE CLASSICAL PERIOD.

A history of the classical period of Ancient Greece: the Homeric Age, the Expansion of the Hellas, the Renaissance of the Aegean, the Fifth and Fourth Centuries to the death of Alexander. Particular attention will be given to the growth of democracy, social and economic aspects, artistic, literary, and religious developments. (Offered in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

33. HELLENISTIC GREECE AND THE ROMAN REPUBLIC.

A survey of the world into which Rome entered, the political, economic, and social conditions of the Eastern Mediterranean, Hellenistic art, literature, and religion, the establishment and growth of the Roman Republic, Roman expansion throughout the Mediterranean, the growth of Roman culture, the Roman Revolution, and the foundation of the Empire. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

34. THE ROMAN EMPIRE AND THE EARLY MIDDLE AGES.

A survey of history from Augustus to Charlemagne; the organization and administration of the Roman Empire, social, economic, and religious conditions and developments, the collapse of ancient civilization, the Germanic invasions, the foundation of feudalism and the Mediæval Church, Charlemagne, and the Empire. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

35. MEDIÆVAL EUROPE: CHARLEMAGNE TO THE RENAISSANCE.

A brief survey of the political history of mediæval Europe and an intensive study of institutional, economic, and cultural conditions, the Empire, the Church, feudalism, the manor, the cities, the universities, and the cathedrals. *Five hours a week, winter quarter.* Professor Caldwell.

36. THE RENAISSANCE.

Introduction to the Renaissance. The establishment of modern European culture. Lectures on the history, science, fine arts, literary scholarship, and literature of the Renaissance in Italy, France, Germany, the Netherlands, and England. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professors Holmes (Chairman), Garrett, Bernard, Taylor, Lyons, Adams, Thrall. (The course is the same as Comparative Literature 57.)

37. THE PROTESTANT REVOLT.
An intensive study of religious, political, intellectual, and economic conditions on the eve of the Protestant Revolt, of the movements led by Luther, Zwingli, Calvin, Knox, and Henry VIII, and of the Catholic Reformation. (Offered in 1929-1930.) *Five hours a week, spring quarter.* Professor Garrett.

39. ENGLAND IN THE NINETEENTH CENTURY.
The purpose of this course is to effect an intensive treatment of a relatively short period of English history, that from 1815 to 1915. The course will develop England's national and imperial story, her international relations, and her contributions to the history of the age. Lectures and readings. *Five hours a week, spring quarter.* Professor Wagstaff.

40. THE FRENCH REVOLUTION.
An intensive study of the causes, events, and results of the French Revolution. (Offered in 1929-1930.) *Five hours a week, fall quarter.* Professor Garrett.

42. THE NAPOLEONIC PERIOD.
A detailed study of the chief events and movements of the Napoleonic period. Particular attention will be paid to the immediate effects of the period on the states surrounding France and to the permanent results of the period in Europe. (Offered in 1929-1930.) *Five hours a week, winter quarter.* Professor Garrett.

43. RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE.
An intensive study of the period of restoration and reaction, the revolutions of 1830 and 1848, the rise of socialism, the unification of Italy and of Germany, France under Louis Philippe, the Second French Republic, and Napoleon III. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professor Garrett.

44. RECENT AND CONTEMPORARY EUROPEAN HISTORY.
A study of the recent history of France, Germany, Italy, Austria-Hungary, and Russia, the causes of the Great War, the chief events of the war, the treaties of peace, the attempt to organize the world, the world after the war, and recent movements in Europe. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Garrett.

45. THE RISE OF ABSOLUTISM IN EUROPE.
A study of the rise of absolutism in Europe. A detailed study of the Thirty Years War, France under Henry IV, Richelieu, Mazarin, and Louis XIV, the rise of Prussia, Sweden from Gustavus Adolphus to the death of Charles XIII, the decline of Poland and Turkey, and the development of Russia to the death of Peter the Great. (Offered in 1930-1931.) *Five hours a week, spring quarter.* Professor Garrett.

51. THE AMERICAN COLONIES, 1606-1689.
A general survey of the European background of American society and institutions and the rival territorial claims of the colonizing nations; followed by an intensive study of the influences and motives behind English colonization in America, the founding of England's continental colonies, their political, social, and economic development, and their relations to each other and to the British Empire as a whole. Lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, fall quarter.* Professor Connor.

52. THE AMERICAN COLONIES, 1689-1783.
A general survey of the colonies as a whole at the opening of the eighteenth century, followed by an intensive study of their social, economic, and political development, immigration, conquest and westward expansion, their imperial relations and part in international rivalries, constitutional controversies and development of colonial self-government, intercolonial relations, revolution and independence, Federal relations and the formation of the American Union. Lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professor Connor.

53. THE FEDERAL PERIOD (1783-1815.)
An intensive study is made of the government under the Articles of Confederation, the formation and adoption of the Federal Constitution, the nature of the Union, the launching of the government, Jeffersonian democracy, the westward movement, and the Second War for Independence. Text-book, lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professor Green.

54. THE ANTE-BELLUM PERIOD (1815-1860.)
A social, economic, and political study of the period—the westward movement, states' rights philosophy, Jacksonian democracy, development of Nationalism, controversy over negro slavery, the rise of Southern Rights, and the causes of the stroke for Southern Independence. Text-book, lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, fall quarter.* Professor Green.

55. SECESSION AND CIVIL WAR.
Beginning with a rapid survey of the states' rights theory and of the secession movement before 1860, the course deals with the important constitutional, political, and economic aspects of the Civil War in the United States. Lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Hamilton.

56. THE RECONSTRUCTION PERIOD.
A course dealing with the constitutional, political, social, and economic aspects of the period from the close of the Civil War in 1865 to the restoration of home rule in the South in 1877. Lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, winter quarter.* Professor Hamilton.

57. RECENT AMERICAN HISTORY, 1876-1898.
In this course emphasis will be placed upon the influence of the Civil War and Reconstruction upon subsequent American history; the war amendments in theory and practice; business and politics; the Granger movement; the currency question; the tariff legislation; the trust problem; foreign relations; the Spanish-American War and its results; party politics; political dissent and interpretation of democracy. Lectures, text-books, and readings. (Offered in 1929-1930.) *Five hours a week, spring quarter.* Professor Pierson.

58. RECENT AMERICAN HISTORY, 1898-1920.
Continuation of History 57. A course dealing with the political, economic, social, and diplomatic history of the United States from 1898 to 1920. Conservatism, moderation, and radicalism in politics and economics; social legislation; American imperialism and increased participation in international relations; the World War and the problems of peace. Lectures, text-books, and readings. (Offered in 1930-1931.) *Five hours a week, spring quarter.* Professor Pierson.

59. NORTH CAROLINA, 1663-1789.

General survey of the settlement of North Carolina and its territorial expansion; the origin and development of its political institutions; the influences affecting its growth and development; immigration and the development of social and economic life; political and constitutional controversies; intercolonial and imperial relations; revolution and independence; the adopton of a constitution and organization of the state government; Federal relations and formation of the Federal Union. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Connor.

60. NORTH CAROLINA, 1789-1900.

General survey of conditions at the close of the 18th century; origin and development of political parties; sectional controversies; political and constitutional development; education, internal improvements, and railroads; Federal relations; the slavery controversy; secession, civil war and reconstruction; restoration of home rule; the rise of Populism; the era of fusion; "white supremacy"; recent political, educational, and industrial development. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Connor.

61. THE SOUTH, 1789-1860.

A course dealing with the Southern States in the period preceding the Civil War, in which emphasis will be laid upon social, economic, and political organization and movements. Lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Hamilton.

62. THE SOUTH, 1877-1925.

A course which deals with the economic, social, and political development of the Southern States since the close of Reconstruction. Emphasis will be laid upon the rise of industry in the South and its results. Lectures, readings, and reports. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Hamilton.

63. HISTORY OF THE WEST.

A study of the westward movement of civilization from 1763 to the opening of the 20th Century in the area now comprising the United States; the conditions and processes of migration into the various areas; and the social, economic, and political influence of the frontier. Text-book, lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, winter quarter.* Professor Green.

64. THE FRONTIER IN AMERICAN HISTORY.

A study of the general significance of the frontier in American civilization; the problems of the West, its contributions to American Democracy, Western ideals, and the reaction of the frontier influences upon the East. Lectures, readings and reports. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Green.

65. AMERICAN ECONOMIC HISTORY.

This course will deal with the economic materials, institutions, conflicts, and transitions in the history of the United States from its origin as a part of the British Economic Empire to its development as one of the economic powers in the present world, with some regard for the social and political implications involved in this development. *Five hours a week, spring quarter.* Professor Graham.

66. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. (Education 37.)

The social and educational institutions and practices of the United States are traced through: (a) The period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Textbook, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

70. HISPANIC AMERICAN HISTORY: The Colonial Period and the Wars of Independence. Seniors and Graduates.

In this course a general survey will be made of Spanish and Portuguese America from the establishment of colonial settlements through the wars of independence. A study of the transplantation of Hispanic civilization in language, customs, religion, trade, and political institutions; Indian relations; labor and social conditions; education and industry; the causes and events of the struggles for independence. Lectures and readings. *Five hours a week, fall quarter.* Professor Pierson.

71. HISPANIC-AMERICAN HISTORY: Development of Nationality in South America. Seniors and Graduates.

The modern history of Argentina, Brazil, Chili, Uruguay, Paraguay, Peru, Bolivia, and Ecuador. Attention will be directed to the establishment of these republics, the evolution of their political theory, the struggle for political stability, the exploitation of resources, the diplomatic and commercial relations with the United States and Europe, the international problems of South America, the contemporary progress in politics and society. Lectures and readings. (Offered in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Pierson.

72. HISPANIC-AMERICAN HISTORY: Hispanic North America and the Caribbean Countries. Seniors and Graduates.

Emphasis in this course will be placed upon the same general factors as in History 71. The diplomatic and commercial relations of the United States and Mexico, the insular republics, the Central American countries, and Colombia, Panama, and Venezuela will receive special attention. Lectures and readings. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Pierson.

Courses Primarily for Graduates

100abc. THE HISTORY OF NORTH CAROLINA.

A seminar course in the social, economic, and political history of North Carolina. The course continues throughout the year, a weekly conference being held for the presentation of reports and discussions. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Connor.

106abc. THE HISTORY OF CONGRESS.

A seminar course devoted to the investigation of a selected period in the history of the Congress of the United States. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Hamilton.

110abc. ANCIENT HISTORY.

A seminar in some phase of Ancient History. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Caldwell.

113abc. MODERN EUROPEAN HISTORY.
A seminar in some phase of the Napoleonic period. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Garrett.

116abc. HISTORY OF THE UNITED STATES, 1783-1860.
A seminar in some phase of the history of the United States, 1783-1860 *Conference, one hour a week, fall, winter, and spring quarters.* Professor Green.

119. THE ENGLISH BACKGROUND OF THE AMERICAN REVOLUTION.
A survey of England's eighteenth century political, social, and economic conditions and their relations to the American Revolution. Lectures and reports. *Five hours a week, fall quarter.* Professor Wagstaff.

120. PRELIMINARIES OF THE AMERICAN REVOLUTION.
A study of the background and causes of the American Revolution. Lectures and reports. *Five hours a week, winter quarter.* Professor Connor.

141. SEMINAR COURSE.
A research course in a special field under the direction of a member of the department.

151ab. HISTORIOGRAPHY.
Lectures, conferences, readings, and reports. The first quarter will be concerned with methods of research, schools of interpretation, and the interrelation of history with the other social sciences. The second quarter will be a seminar in the history and bibliography of history. Required of all graduate students in history and government. *Fall and winter quarters, credit one course.* Professor Caldwell.

GOVERNMENT

Courses for Undergraduates

1-2. COMPARATIVE GOVERNMENT. Sophomore elective.
In this course an intensive study will be made of the governmental and social institutions of the leading states of the modern world. The first quarter will be devoted to the treatment of the United States of America. Credit is given for Government 1 without Government 2. In the second quarter the chief emphasis will be placed upon Great Britain and France, with outline studies of the institutions of other European countries. Text-books, lectures, discussions, and readings. *Five hours a week, fall and winter or winter and spring quarters.* Professors Hamilton, Frazer, Mr. Jenkins.

Courses for Graduates and Advanced Undergraduates

30. THE ELEMENTS OF POLITICAL SCIENCE.
A general course in which a study is made of the principles of political science and of the important theories respecting the nature, origin, forms, and ends of the state and of government. An examination of the literature of the subject will be made, supplemented by students' reports on selected political theorists. Lectures, text-books, and readings. *Five hours a week, fall quarter.* Professor Pierson.

34. THE CONSTITUTION OF THE UNITED STATES.
An elementary course in constitutional law covering by means of lectures, text-books, and cases the fundamental principles of constitutional interpretation and practice in the United States. *Five hours a week, fall quarter.* Professor Hamilton.

35. THE GOVERNMENT OF ENGLAND.

The objective in this course is a knowledge of the development and operation of the English government. Local, national, and imperial aspects of England's government practice will receive attention. Resemblances and contrasts between her government and that of our own country will be pointed out for the practical lessons which the parallel supplies. Lectures and readings. *Five hours a week, spring quarter.* Professor Wagstaff.

36. AMERICAN MUNICIPAL GOVERNMENT.

An historical survey of the development of governmental structure, theory, and functions in American municipalities, and careful analysis of existing municipal conditions, with special attention to city and town government in North Carolina. Each student will make an intensive study of his own or of some other city or town. *Five hours a week, fall quarter.* Professor Woodhouse.

37. AMERICAN MUNICIPAL ADMINISTRATION.

Special study of the principles and problems of administration in American municipal corporations, of such functions as police, public education, charities and correction, local improvements, public health, finances, with emphasis on city and town administration in North Carolina. Each student will select and study exhaustively a municipal problem in one municipality. *Five hours a week, fall quarter.* Professor Woodhouse.

38. AMERICAN STATE GOVERNMENT .

A study in the principles, organization, and administrative methods of state government. In connection with the course will be a special study of the government of North Carolina. Lectures, readings, and reports. *Five hours a week, winter or spring quarter.* Professor Connor.

40. INTERNATIONAL LAW.

A study will be made of the rules observed by the states of the world concerning their relations in peace and in war. Lectures and the preparation of typical cases by the students. *Five hours a week, fall quarter.* Professor Frazer.

41. INTERNATIONAL RELATIONS.

The problems of nationalism and internationalism, of imperialism, and the settlement of international conflicts will be considered in this course. It is designed to introduce the student to the basic facts of world politics. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Frazer.

42. GOVERNMENT AND ADMINISTRATION OF EUROPEAN CITIES.

A general consideration of principles and methods of social control in the municipalities of Great Britain, France, and Germany, with some attention to those of other nations. Comparisons with American conditions. *Five hours a week, spring quarter.* Professor Woodhouse.

43. COUNTY GOVERNMENT AND ADMINISTRATION.

A study of the forms of organization, the functions, and the operation of County Government in the United States and especially in North Carolina, in their historical development but with special emphasis on present conditions and tendencies and on possible improvements. Each student will be required to study, as extensively and as intensively as possible, the government and administration of one county, preferably his home county, and to put his results in essay form. Regular class discussion will be based on the best general texts, the North Carolina Constitution, Statutes and Supreme Court de-

cisions, and on special studies of individual counties already made and being made in the University. A fair minimum of required reading will be assigned and wider reading encouraged. *Five hours a week, spring quarter.* Professor Woodhouse.

46. POLITICAL THOUGHT OF THE EIGHTEENTH CENTURY.
An analysis of political thought and philosophy, 1750-1800. Emphasis will be placed on the study of the philosophical ideas of the American and French Revolutions. Lectures and reports. *Five hours a week, winter quarter.* Professor Pierson.

47. DEVELOPMENT OF THE ENGLISH CONSTITUTION.
A general course surveying the origin and development of the Constitutional machinery of the British monarchy. Emphasis will be laid on the successive Constitutional landmarks from the Norman Conquest to the Parliament Act of 1911. Lectures, text-books, and readings. *Five hours a week, winter quarter.* Professor Wagstaff.

48. AMERICAN DIPLOMACY.
The course will be concerned with a survey of the diplomatic relations of the United States from the period of the American Revolution to the World War. Particular attention will be directed to the development of American foreign policies and American contributions to International Public Law. Lectures and reports by students. *Five hours a week, spring quarter.* Professor Frazer.

50. HISTORICAL JURISPRUDENCE.
A survey of the historical development of Roman and Anglo-American law, with some consideration of their relations to the Babylonian, Greek, Hebrew, and other systems of law, and with special consideration of their influence in the modern world. *Five hours a week, winter quarter.* Professor Woodhouse.

Courses Primarily for Graduates

100abc. AMERICAN POLITICAL THEORY.
A seminar course respecting the political philosophy that has been developed in the United States. In the fall quarter the political theory of the colonial period and the American Revolution will be studied; in the winter quarter attention will be given to the theories associated with the formation of the Constitution and its early interpretation, the nature of the Union, and the slavery dispute; in the spring quarter the political theory of the Civil War and the contemporary United States will be considered. Lectures, readings, and reports. *Two hours a week, fall, winter, and spring quarters.* Professor Pierson.

106abc. MODERN INTERNATIONAL RELATIONS.
Seminar in International Relations. An analysis will be made of the major problems of international relations. Emphasis will be placed upon the elements of nationalism and internationalism, imperialism, and the settlement of international disputes. *Two hours a week, fall, winter, and spring quarters.* Professor Frazer.

110-111-112. SEMINAR ON STATE AND LOCAL GOVERNMENT.
Intensive studies of various functions, organs, and problems of public administration in States of the United States and in their sub-divisions. Comparison of various attempts to reorganize state administrative systems. *Two hours a week, fall, winter, and spring quarters.* Professor Woodhouse.

141. SEMINAR COURSE.
A research course in a special field under the direction of a member of the department.

DEPARTMENT OF JOURNALISM

Professor COFFIN

1. NEWS WRITING.
A course in elementary news writing devoted to practical work in the classroom. Prerequisite for Journalism 2. *Five hours a week, fall quarter. Laboratory fee, $2.00.* Professor Coffin.

2. NEWS WRITING. Prerequisite, Journalism 1 or the equivalent.
A continuation of the work in Journalism 1, with the addition of some copy-reading. Prerequisite for Journalism 3. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professor Coffin.

3. NEWS WRITING. Prerequisite, Journalism 1 and 2.
A continuation of Journalism 2, with more emphasis on head-writing and assignments. *Five hours a week, spring quarter. Laboratory fee, $2.00.* Professor Coffin.

7. WEEKLY NEWSPAPER EDITING.
A study of the functions of the weekly newspaper, with practical instruction in meeting the problems of the neighborhood news medium. *Three hours a week, winter or spring quarter.* Professor Coffin.

10ab. FEATURE WRITING.
A course for advanced students in the production of feature stories and feature articles, with a view to making them marketable. Either half may be taken independently. *Three hours a week, winter and spring quarters.* Professor Coffin.

11. NEWS METHODS AND TREATMENTS. A study of contemporary newspapers and of prevailing methods of handling news. Desk work. *Three hours a week, fall quarter.* Professor Coffin.

12. EDITORIAL WRITING.
Comparative examination of policies and relations. Editorial writing. *Three hours a week, spring quarter.* Professor Coffin.

30. COLLEGE REPORTING.
A course with a maximum credit of one full course for reporting done on the student daily under the supervision of the Department of Journalism.

31. COLLEGE EDITING.
A similar credit course for those who do the editorial work of the student newspaper.

DEPARTMENT OF LIBRARY SCIENCE

Professor WILSON, MISS BEUST

2b. REFERENCE AND BIBLIOGRAPHY. Junior and Senior elective.
A course for college students, teachers, journalists, and librarians on the use of books. Instruction is given as to the kind of information specific reference books, dictionaries, and encyclopedias contain. Special emphasis is laid on methods of finding material for use in the preparation of themes, essays, debates, and orations and of assisting others in finding material in school or public libraries for school use. Practice with the reference books of the

University library and the preparation of an extensive list of reading on some subject to be assigned will be required. Lectures, assigned readings, text-book. *Three hours a week, winter quarter.* Professor Wilson. (Not given 1929-30).

The following courses are intended for students in the School of Education (Elementary Division); those enrolled in other curricula should consult the instructor before registering.

3. CHILDREN'S LITERATURE. Junior and Senior elective.

In general the aim of the course is to acquaint the students with children's reading in order that they may understand the varying appeals that books make to children and thus learn to select books with consideration for the different age groups and differing reading backgrounds of children. The importance of literature made by children, children's literary tradition, classics, modern and traditional fairy tales, poetry, nursery rhymes, fables and beast tales, myths, epics and sagas, romances, ballads, subject matter books, illustrated books, books for story-telling and the history of children's literature are indicated. Practice in the writing of book notes, oral reports, discussion and lectures. *Five hours a week, fall or spring quarter.* Miss Beust.

4. BOOK SELECTION. Junior and Senior elective.

The object of this course is to cultivate the ability to select accurately the literature best adapted to the high school and the small public library through a study of the underlying principles and practices of the best methods. The work consists of examining, reading and reviewing selected books from various classes such as literature, history science, etc.; practise in the writing of book notes; a critical study of the principal aids to book selection as tools for practical use in the library; the compiling of selected lists; the checking of current book lists; discussion of American publishers; study of editions; lectures and discussion groups. *Five hours a week, winter quarter.* Miss Beust.

NOTE: These courses are also given annually in the Summer School as s2b, s3ab, and s4ab respectively. See Summer School catalog for additional courses.

DEPARTMENT OF MATHEMATICS

Professors HENDERSON, LASLEY, HOBBS; Associate Professors WINSOR, MACKIE, BROWNE, LINKER; Assistant Professor HILL; Instructors BUSH, BULLOCK, CAMERON, COKER, TROTT; Teaching Fellows DILLIN, MARSHALL.

Courses for Undergraduates

2-1. FRESHMAN MATHEMATICS. Required of Freshmen.

Part 1. (Math. 2). Logarithms and their application to computations. Solution of right and oblique triangles with problems from mechanics and physics. Trigonometric analysis.

Part 2. (Math. 1). An elementary treatment of the straight line, circle, parabola, ellipse, hyperbola, maximum and minimum, differentiation, and integration, solution of numerical equations, theory of equations. *Five hours a week, every quarter.* Professors Lasley, Mackie, Browne, Messrs. Bush, Bullock, Cameron, Coker, Trott, Dillin, Marshall.

3. ANALYTIC GEOMETRY. Sophomore, Junior, and Senior elective. Prerequisite, Mathematics 1 and 2.

A course in the fundamentals of analytic geometry, the straight line, circle, parabola, ellipse, hyperbola, higher plane curves, transformations of coördinates, geometry of space. *Five hours a week, fall or spring quarter.* Professors Lasley, Hill.

1E. PLANE TRIGONOMETRY AND PRACTICAL MEASUREMENTS. Required of Freshmen in Engineering Courses.

Solution of right and oblique triangles by logarithms, with problems drawn from engineering practice. Selected theorems from solid geometry with special emphasis on the sphere. *Five hours a week, fall quarter.* Professors Hobbs, Winsor, Linker, Hill.

2E. SPHERICAL TRIGONOMETRY AND ALGEBRA. Required of Freshmen in Engineering Courses.

Solution of right and oblique spherical triangles. A study of the elementary functions from the point of view of their graphical representation and differentiation. *Five hours a week, winter quarter.* Professors Hobbs, Winsor, Linker, Hill.

3E. ANALYTIC GEOMETRY. Required of Freshmen in Engineering Courses.

A treatment of the straight line, circle, conic sections, special plane curves, transformation of coördinates. *Five hours a week, spring quarter.* Professors Hobbs, Winsor, Linker, Hill.

4. DIFFERENTIAL CALCULUS. Prerequisite, Mathematics 1, 2, and 3.

A study of the differentiation process and its application to geometry, physics, and mechanics, including the notions of curvature, partial differentiation, envelopes, series, expansion of functions, etc. *Five hours a week, fall or winter quarter.* Professors Mackie, Hill.

5. INTEGRAL CALCULUS. Prerequisite, Mathematics 4.

This course centers around the idea of the definite integral, considering in detail problems arising in geometry and the physical sciences, including length of curves, areas, volumes, moment of inertia, etc. *Five hours a week, winter or spring quarter.* Professor Browne, Mr. Bullock.

4E-5E-6E. CALCULUS FOR ENGINEERING STUDENTS. Required of Sophomores in Engineering courses. Prerequisite, Mathematics 3 or 3E.

The first quarter is devoted to a study of the derivative and its applications to geometry and mechanics, expansion of functions, partial differentiation; the second deals chiefly with the definite integral and its application; the third consists of engineering problems involving calculus, together with an elementary treatment of differential equations. *Six hours a week, fall, winter, and spring quarters.* Professors Hobbs, Winsor, Linker.

6. ADVANCED GEOMETRY.

The geometry of the triangle and circle, inversion, poles, and polars. *Five hours a week, fall quarter.* Professor Winsor.

7. ADVANCED ALGEBRA.

An advanced course in algebra for students who intend to teach elementary mathematics or to pursue advanced study in the subject. The course includes the fundamental operations, systems of equations, equations of higher degree, permutations, combinations, probability, series, theory of equations, and elimination. *Five hours a week, winter quarter.* Professor Winsor.

12. THEORETICAL MECHANICS. Prerequisite, Mathematics 5 or 5E.

An introductory course in mechanics employing the methods of the calculus. *Five hours a week, spring quarter.* Professor Linker.

Courses for Graduates and Advanced Undergraduates

50. THEORY OF EQUATIONS. Prerequisite, Mathematics 5.

Indispensable for students intending to prosecute studies in the higher branches of pure mathematics. Such subjects as the solution of equations of higher degree, transformations, determinants, elimination, invariants and covariants, and symmetric functions are treated in detail. The student is afforded a survey of the general problem and the basic principles of the formation, handling, and evolution of equations. *Five hours a week, fall quarter.* Professor Henderson.

51. DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 4 or 4E.

This is a course both for students intending to specialize in mathematics and for students in advanced engineering, civil, electrical, and chemical. Among the subjects treated are singular solutions, applications to mechanics, geometry, and physics, linear equations with both constant and variable coefficients, equations involving more than two variables, partial differential equations, and spatial forms. *Five hours a week, winter quarter.* Professor Henderson.

52. SYNTHETIC PROJECTIVE GEOMETRY. Prerequisite, Mathematics 5.

A geometric account of the fundamental notions of projective geometry: one-to-one correspondence, dimensionality, projective correspondence between forms of one and two dimensions, poles and polars, involution, projective and metric theory of conics. (Summer 1929 and alternate years.) Professor Lasley.

53. PROJECTIVE HOMOGENEOUS CO-ORDINATES AND THEIR APPLICATIONS. Prerequisite, Mathematics 5.

A study of the general homogeneous cördinates of forms of one, two, three, and four dimensions; cross ratio and its properties; ideal elements; duality; projective correspondence; transformation of coördinates; the elements of line geometry. *Five hours a week, fall quarter.* Professor Lasley.

54. ANALYTIC PROJECTIVE GEOMETRY. Prerequisite, Mathematics 53.

The projective theory of binary forms; the conic as a rational curve; the conic as a ternary form: the conic form the viewpoint of the theory of correlations; functional determinants and invariants; selected topics from higher geometry. *Five hours a week, winter quarter.* Professor Lasley.

55. ANALYTIC GEOMETRY OF SPACE. Prerequisite, Mathematics 5.

Spatial relations are treated from the analytic standpoint. Deals with quadric surfaces, envelopes, foci, quadriplanar and tetrahedral coördinates, developable surfaces, curves in space, curvature of surfaces, higher surfaces, etc. *Five hours a week, spring quarter.* Professor Henderson.

56abc. GRAPHICAL ANALYSIS. Prerequisite, Mathematics 5 or equivalent.

A study of alignment charts and of equations determined from empirical data, with a brief treatment of the method of least squares. *Three laboratory hours a week, fall, winter, and spring quarters.* Professor Linker.

59. ADVANCED CALCULUS. Prerequisite, Mathematics 5.

This course completes and rounds out the subject as given in Mathematics 5. Stress upon rigor in demonstration. Designed to meet the particular needs of the class, e.g., problem course on study of special functions. Thorough knowledge of calculus is the aim of the course. *Five hours a week, spring quarter.* Professor Mackie.

60. DYNAMICS. Prerequisite, Mathematics 12 and 51.
Differential equations of motion, equation of orbits, D'Alembert's principle, motion of a rigid body. *Five hours a week, winter quarter.* Professor Hobbs.

61. VECTOR ANALYSIS. Prerequisite, Mathematics 60.
A study of some of the general principles of mechanics in the language of vectors. *Five hours a week, fall quarter.* Professor Hobbs.

62. FOUNDATIONS OF GEOMETRY. Prerequisite, Mathematics 52.
A course designed to meet the needs of students experienced in mathematical thinking. A survey of the contributions of Pasch, Peano, Hilbert, and their school to our knowledge of the foundations of geometry; a study of the axioms, of systems of geometry, etc. (1929-1930 and alternate years.) *Five hours a week, winter quarter.* Professor Henderson.

Courses Primarily for Graduates

100. THEORY OF FUNCTIONS OF A REAL VARIABLE. Prerequisites, Mathematics 50, 59.
The real number system from the standpoints of Cantor and Dedekind, elementary theory of point sets, limits, series, implicit functions, Riemann and Lebesgue integrals. (1930-1931 and alternate years.) *Five hours a week, fall quarter.* Professor Mackie.

101. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. Prerequisite, Mathematics 50, 51, 59.
Complex numbers, differentiation and integration, conformal mapping, linear fractional transformations, single and multiple valued functions. (1930-1931 and alternate years.) *Five hours a week, winter quarter.* Professor Mackie.

102. HIGHER PLANE CURVES.
A course dealing with plane curves, particularly conics, cubics, and quartics; polarity, Plücker formulas, curves of Hesse, Steiner, and Cayley; classification of cubics, intersections of curves, singularities of curves, unicursal curves. (1930-1931 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

103. LIE THEORY OF DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 51.
A study of differential equations from the point of view of continuous groups. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Hobbs.

104. THEORY OF NUMBERS. Prerequisite, Mathematics 50.
An elementary course in the study of the properties of the rational integers, including the study of the question of divisibility, greatest common divisor of two or more integers, solution of simple congruences, quadratic residues, quadratic reciprocity law, representation of integers by quadratic forms, equivalence of quadratic forms, etc. (1930-1931 and alternate years.) *Five hours a week, winter quarter.* Professor Browne.

105. DIFFERENTIAL GEOMETRY. Prerequisite, Mathematics 51 and 54.
A study of the metric differential geometry of curves, surfaces, and curves on surfaces, systems of curves defined by differential equations, surfaces given by two quadratic differential forms. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

106. INTRODUCTION TO THE THEORY OF RELATIVITY. Prerequisite, Mathematics 12 and 51.

In this course the essential features of the special and the general relativity theories of Einstein are set forth from the mathematical point of view. Particular study is made of the Lorentz transformation, the theory of tensors, the absolute differential calculus, and the three crucial tests of the theory. (1929-1930 and alternate years.) *Five hours a week, fall quarter.* Professor Henderson.

107. ADVANCED RELATIVITY THEORY.

Restricted relativity, with applications to physical and electrical problems. General relativity and gravitation. Geodesics and curvature in space-time. Cosmological speculations as to a finite, unbounded universe. Theories of Einstein and DeSitter. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

108. MODERN HIGHER ALGEBRA. Prerequisite, Mathematics 50.

Polynomials and their fundamental properties, determinants, theory of linear dependence, linear equations, matrices, invariants, bilinear and quadratic forms. (1929-1930 and alternate years.) *Five hours a week, fall quarter.* Professor Browne.

109. ELEMENTS OF NON-EUCLIDEAN GEOMETRY. Prerequisite, Mathematics 52.

The subject is treated chronologically. The contributions of Saccheri, Bolyai, Lobachewsky, Riemann, Cayley, Klein are studied, analyzed, and compared. (1930-1931 and alternate years.) *Five hours a week, fall quarter.* Professor Henderson.

110. ALGEBRAIC INVARIANTS.

An introduction to the non-symbolic theory of invariants of binary forms with applications to geometry, followed by an explanation of the symbolic notation of Clebsch with practice in its use. Based on Dickson's *Algebraic Invariants.* (1930-1931 and alternate years.) *Five hours a week, spring quarter.* Professor Browne.

111. CALCULUS OF VARIATIONS. Prerequisite, Mathematics 100.

A study of various kinds of minimizing problems, determining functions which minimize certain definite integrals. Isoperimetric problems. Necessary conditions for an extreme as deduced by Euler, Weierstrass, Legendre, and Jacobi, and conditions sufficient to ensure such an extreme. (1929-1930 and alternate years.) *Five hours a week, winter quarter.* Professor Mackie.

113. INTRODUCTION TO THE THEORY OF FINITE GROUPS. Prerequisite, Mathematics 50.

Deals with the theory of substitutions in general, and as applied to the algebraic equation. Simple and compound groups, transitivity and primitivity. Cyclic and linear groups, linear fractional substitutions, etc. Numerous applications in algebra and geometry. (1930-1931 and alternate years.) *Five hours a week, winter quarter.* Professor Henderson.

141. SEMINAR.

Reading and research in Mathematics conducted by members of the department.

DEPARTMENT OF MUSIC

Professor Dyer; Associate Professor Kennedy; Assistant Professors McCorkle, Woodman.

Courses for Undergraduates

1. MUSIC THEORY.
A course covering musical terminology and the theory of music notation, including a study of modes, scale structure, melodic construction, etc. *Five hours a week, fall quarter.* Professor McCorkle.

3-4-5. APPRECIATION OF MUSIC.
An illustrated course primarily for students who have had little or no training in music. *Five hours a week, fall, winter, and spring quarters.* Professor McCorkle.

7-8-9. SIGHT-SINGING AND EAR-TRAINING.
A course in the reading and recognition of music notation, from the standpoint of both eye and ear. No prerequisites or previous training are necessary for number 7; students will be admitted to number 8 at the beginning of the winter quarter, or number 9 at the beginning of the spring quarter, who have had the equivalent of the work covered in the course up to that point. Students registered for this course who become members of the University Glee Club will be allowed to count their club rehearsal time as outside practice and preparation for this course. *Five hours a week, fall, winter, and spring quarters.* Professor Kennedy.

10-11-12. HISTORY OF MUSIC.
A study of the historical development of music. In exceptional cases, students may enter the course at the beginning of any quarter. *Three hours a week, fall, winter, and spring quarters.* Professor Dyer.

20-21-22. HARMONY.
A beginner's course in harmony. Prerequisite, Music 1 or its equivalent. *Three hours a week, fall, winter, and spring quarters.* Professor Kennedy.

23-24-25. INSTRUMENTATION. Junior and Senior elective.
A course in the study of the principles and practice of instrumentation for band and orchestra. Orchestra and band music will be heard, analyzed, and studied, and music will be arranged for orchestra and band. Students registered for this course who become members of the University Band or the University Orchestra will be allowed to count their band or orchestra rehearsal time as outside practice and preparation for this course. *Three hours a week, fall, winter, and spring quarters.* Professor McCorkle.

26-27-28. COUNTERPOINT. Prerequisite, one year of harmony, music 20, 21, and 22, or their equivalent. Junior and Senior elective.
Three hours a week, fall, winter, and spring quarters. Professor Dyer.

70-71-72. COMPOSITION. Prerequisite, Music 26-27-28, or their equivalent. Junior and Senior elective.
A study of free expression of original musical ideas. *Three hours a week, fall, winter, and spring quarters.* Professor Dyer.

80-81-82. APPLIED MUSIC. Senior elective.
Open only to students who are completing the requirements for the degree A.B. in Music (see under College of Liberal Arts in Part Five.) These courses represent the attainment of a satisfactory degree of proficiency in performance, involving piano, pipe organ, violin, or voice. Satisfactory attainment in this

field is possible only after prolonged study, and it is therefore necessary, except in unusual cases, that the student carry on this type of work continuously throughout his four years of study leading to the degree. Before registering for these courses the student must secure the approval of the head of the music department. For description of fees, etc., see below under "Special Non-Credit Courses."

Special Non-Credit Courses

NOTE. The following regulations govern individual instruction in music courses, A, B, C, D, and E:

1. Practice rooms and periods are assigned at the music department office. Fee for one daily practice period in a room containing a practice piano, $3.00 a quarter. Fee for the use of a pipe organ, 25 cents an hour.

2. After registration, all fees for the quarter must be paid to the department and receipts for such fees must be presented to the instructor before the first lesson period.

3. Regularly assigned lessons missed by the student without previous arrangement with the instructor are not to be made up or refunded for, except with the permission of the head of the department.

A. INDIVIDUAL INSTRUCTION IN PIPE ORGAN. One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $1.50 a lesson.* No credit. Professor Kennedy.

B. INDIVIDUAL INSTRUCTION IN PIANO.
One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $1.50 a lesson.* No credit. Professor Kennedy.

C. INDIVIDUAL INSTRUCTION IN VIOLIN.
One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $1.50 a lesson.* No credit. Professor McCorkle.

D. INDIVIDUAL INSTRUCTION IN VOICE.
One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $2.00 a lesson.* No credit. Professor Dyer.

E. INDIVIDUAL INSTRUCTION IN BAND INSTRUMENTS.
One or more individual instruction periods a week on any brass, woodwind, or percussion instrument, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $1.00 a lesson.* Professor McCorkle.

DEPARTMENT OF PHILOSOPHY

Professor WILLIAMS; Assistant Professors GREEN, EMERY.

Courses for Undergraduates

1. INTRODUCTION TO PHILOSOPHY. Open to Sophomores, Juniors, and Seniors.

This course is intended to serve as an introduction to later work in philosophy; but its main purpose is to give a general view of philosophy to those

who may take no further courses in the subjects. Lectures and discussions. *Five hours a week, every quarter.* Fall and winter quarters, Professor Emery; spring quarter, Professor Green.

2. THE HISTORY OF ANCIENT AND MEDIÆVAL PHILOSOPHY. Open to Juniors and Seniors.

A survey course beginning with the early Greek thinkers and continuing through Mediæval Philosophy. *Five hours a week, fall quarter.* Professor Green.

3. THE HISTORY OF MODERN PHILOSOPHY. Open to Juniors and Seniors.

A survey course beginning with the early Renaissance thinkers and continuing through Kant and Hegel to Nietzsche. *Five hours a week, winter quarter.* Professor Green.

4. AESTHETICS. Open to Juniors and Seniors.

A study of what is commonly known as art or the beautiful, and an inquiry into some of the critical and psychological questions involved. *Five hours a week, fall quarters.* Professor Green.

6. CONTEMPORARY PHILOSOPHY. Open to Juniors and Seniors.

A study of New Realism, Pragmatism, and Idealism as contemporary outgrowths of important movements in the history of philosophy. *Five hours a week, spring quarter.* Professor Emery.

16. PHILOSOPHICAL IDEAS IN MODERN LITERATURE. Open to Juniors and Seniors.

A study of philosophical ideas in modern literature. An effort will be made to understand something of the attitude toward life held by modern writers, including Thomas Hardy, Tolstoi, Dostoievsky, and Anatole France. Moderate amount of reading in poetry, plays, and novels of the writers studied. *Five hours a week, spring quarter.* Professor Green.

23. COMPARATIVE RELIGION. Open to Juniors and Seniors.

A study of the historical development of religion as exemplified in Confucianism, Brahmanism, Buddhism, and Christianity, with emphasis upon the last and its growth from Jewish and Hellenic influences. An evaluation of the traits common to all will be made. *Five hours a week, winter quarter.* Professor Green.

Courses for Graduates and Advanced Undergraduates

10-11-12. LOGIC AND CIVILIZATION. Open to Juniors, Seniors and Graduates.

The purpose of this course is to show how intelligence works both in the individual and in the currents of thought that constitute civilization. The student will be furnished a kit of tools with which to solve some of the problems which will confront him in living his own life and understanding the world about him. *Five hours a week, fall, winter, and spring quarters.* Professor Williams.

13-14. THE LOGIC OF SCIENCE. Open to Juniors, Seniors, and Graduates.

A course to study the mutual relations of common sense, science, and logic; the general nature of scientific inference; the basal concepts and modes of reasoning in mathematics, physical science, and biology. *Five hours a week, fall and winter quarters.* Professor Emery.

20. ETHICS. Open to Junior, Seniors, and Graduates.

The course seeks insight into points of view rather than knowledge of detail. It will consider the subject matter and methods of ethics, its position within philosophy as a whole, various meanings of *right* and *good*, and ultimate criteria of ethical values. Lectures and discussion. *Five hours a week, spring quarter.* Professor Emery.

Courses Primarily for Graduates

135. SPECIAL READINGS.

Reading in a special field under the direction of a member of the Department.

140-141-142. SEMINAR IN PHILOSOPHY.

Conducted by the Department. Hours and subjects are arranged at the beginning of the year.

DEPARTMENT OF PHYSICS

Professors STUHLMAN, FUSSLER; Associate Professor PLYLER; Instructors WHITAKER, BRAUN; Teaching Fellow SHEARIN; Assistants ZURBURG, MORGAN.

Courses for Undergraduates

1-2. GENERAL PHYSICS. PART I. Sophomore, Junior, and Senior elective. Prerequisite, Mathematics 2-1, but may be elected in the winter quarter by Freshmen who have taken Mathematics 2.

Mechanics of solids, liquids, and gases; Sound and Heat. Lectures; problems; laboratory work. *Five lecture and two laboratory hours a week, fall or winter quarter. Laboratory fee, $3.00.* Professors Fussler, Stuhlman, Plyler, Messrs. Whitaker, Braun, and assistants.

GENERAL PHYSICS. PART 2. Sophomore, Junior, and Senior elective. Prerequisite, Mathematics 2-1 and Physics 1.

Light, Electricity, and Magnetism. Lectures; problems; laboratory work. *Five lecture and four laboratory hours a week, winter or spring quarter. Laboratory fee, $5.00.* Professors Fussler, Stuhlman, Plyler, Messrs. Whitaker. Braun, and assistants.

1-2-3E. PHYSICS FOR ENGINEERING STUDENTS. Required of Engineering Sophomores. Prerequisite, Mathematics 1-2-3E or equivalent.

This is a course given with special reference to the needs of students of engineering, both in the lecture work and in the laboratory, while a great deal of problem work is given on subjects dealing with engineering. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.50 a quarter.* Professor Fussler, Mr. Whitaker.

14. ASTRONOMY. Freshman and Sophomore elective.

A general course in descriptive and historical astronomy; lectures and recitations, with use of lantern slides, star-maps, telescope, etc. *Five hours a week, spring quarter.* Professor Fussler.

Courses for Graduates and Advanced Undergraduates

5. HEAT AND THERMODYNAMICS. Prerequisite, Physics 1-2, Mathematics 4.

Lectures, problems, and laboratory work. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Plyler.

6. MECHANICS AND WAVE MOTION. Prerequisite, Physics 1-2, Mathematics 4.
Lectures, problems. *Five hours a week, fall quarter.* Professor Stuhlman.

7. MODERN ELECTRICAL THEORY. Prerequisite, Physics 1-2, Chemistry 1.
Lectures; the electron theory, atomic structure, radio-activity, etc. *Five hours a week, spring quarter.* Professor Stuhlman or Professor Plyler.

8. ADVANCED ELECTRICITY AND MAGNETISM. Prerequisite, Physics 1-2, Mathematics 4.
An introduction to the mathematical treatment of these subjects. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Plyler.

9. OPTICS. Prerequisite, Physics 1-2.
A treatment of the fundamental principles of geometrical and physical optics; lectures, problems, and laboratory work. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Stuhlman.

10. INTRODUCTION TO MATHEMATICAL PHYSICS. Prerequisite, Mathematics 4 and 10 or their equivalent.
(Offered in 1930 and alternate years.) *Five hours a week, spring quarter.* Professor Stuhlman.

12. ADVANCED GENERAL LABORATORY.
This course affords an opportunity for further training and experimental study in physics not given in other courses. *Six laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Stuhlman, Plyler.

13. X-RAY TECHNIQUE: BIOPHYSICS. Prerequisite, Physics 1-2.
Laboratory work in the physical aspects of X-ray apparatus, technique of photographic and fluoroscopic roentgenology, with some applications to biophysical and engineering problems. (Omitted 1930-31.) *Two lecture and eight laboratory hours a week, spring quarter. Laboratory fee, $15.00.* Professor Stuhlman.

15-16. RESEARCH FOR SENIORS.
Professors Stuhlman, Plyler.

Courses Primarily for Graduates

115. ATOMIC STRUCTURE. Prerequisite, Physics, 7, Mathematics 4.
A critical survey of the experimental and theoretical evidence in various branches of physics for the present theories of the structure of atoms and molecules, the nature of magnetism, etc. A reading knowledge of German is required. *Five hours a week, spring quarter.* Professor Stuhlman.

116. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. Prerequisite, Mathematics 4 and 10.
General electrostatic theory; ideal electric fields; condensers with homogeneous and non-homogeneous dielectrics; general laws of conduction; thermal effects; magnetostatic fields; electro-magnetic phenomena; electric waves. *Five hours a week, winter quarter.* Professor Stuhlman.

117. THEORY OF LIGHT. Prerequisite, Mathematics 4 and 10.
1. Geometrical optics. 2. Physical optics. 3. Optical properties of crystals and metals. 4. Magneto-optics and radiation. A reading knowledge of French and German is required. *Five hours a week.* Professor Stuhlman.

119. THEORY OF HEAT. Prerequisite, Mathematics 5.
Conductivity. Kinetic theory of gases. Change of state. Thermodynamics. Radiation and temperature. *Five hours a week, fall quarter.* Professor Plyler.

141. RESEARCH.
Intended for applicants for advanced degrees. Experimental work. Subject must be assigned or approved by the professor in charge. A reading knowledge of French and German is required. Professors Stuhlman, Plyler.

NOTE. Courses in advanced analytic mechanics are offered by the Department of Mathematics.

DEPARTMENT OF PSYCHOLOGY

Professors DASHIELL, CRANE, BAGBY; Instructors BARKLEY, DEWICK; Teaching Fellow BAYROFF.

Courses for Undergraduates

1-2. GENERAL PSYCHOLOGY. Sophomore, Junior, and Senior elective.
The aim of the course is to present the essential phenomena of psychology as an experimental natural science. Emphasis is placed on the organic relationships within the whole field. Lectures, text-book, laboratory. *Four lecture and four laboratory hours a week, fall and winter, or winter and spring quarters. Laboratory fee, $4.00 a quarter.* Professors Dashiell, Bagby, Messrs. Barkley, DeWick.

Courses for Graduates and Advanced Undergraduates

NOTE—Psychology 1 and 2 or their equivalent, are prerequisite for each of the following courses.

25. ANIMAL PSYCHOLOGY.
Reading topics: evolution of structure and behavior (Parker, Child, Coghill), tropic behavior (Jennings, Loeb), instinctive (Peckhams, Lubbock, Stone), habitual (Thorndike, Yerkes, Watson, and others), reflex (Sherrington, Pavlov), insight (Köhler), motivation (Moss, Richter). The class will conduct a protracted experimental study in animal learning. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professor Dashiell.

26. CHILD PSYCHOLOGY.
The development of behavior in the child. The chief subdivisions to be studied are the original behavior equipment, the growth and maturation of structure, the acquisition of habits, the development of capacity, and the formation of interests. Attention will be given to conflict of interests and mental hygiene. This course is the natural introduction to courses in educational psychology. Lectures, readings, and experiments with children. *Five hours a week, fall quarter. Laboratory fee, $1.50.* Professor Bagby.

35. ECONOMIC PSYCHOLOGY: INDUSTRIAL AND VOCATIONAL.
There will be two main divisions of the course, as follows: (1) The adjustment of the worker to his work—including industrial training, effects of incentive, monotony, and fatigue; motion study and mental hygiene in industry. (2) The selection of personnel for various kinds of work, with the industrial use of tests of intelligence and personality. An outline of vocational psychology will be given, and the psychology of salesmanship discussed. Lectures, experiments, readings. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $2.00.* Professor Bagby, Mr. Barkley.

36. ECONOMIC PSYCHOLOGY: ADVERTISING.

An attempt is made to present systematically those aspects of psychology which will aid the advertiser more effectively to construct and present his advertisements. While aiming to give information of practical value, the emphasis is placed upon the establishment of a point of view which will be of assistance in the development of a general technique on the part of the advertiser. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $2.00.* Professor Crane.

38. LEGAL PSYCHOLOGY.

The course is organized about some of the major problems of psychological nature with which the law is concerned; such as, the accuracy of testimony, the reliability of findings by juries, responsibility and criminal psychology, the effects of punishment, modes of detecting suppression of guilty knowledge. The aim is to obtain an accurate knowledge of the present status of each problem; and the method will be that of a natural science approach leading ultimately to implications of practical legal character. Readings, lectures, and experiments. *Five hours a week, spring quarter. Laboratory fee, $1.00.* Professor Dashiell, Mr. Bayroff.

40. PSYCHOLOGY OF PERSONALITY.

This course is a consideration of certain of the factors upon which the quality of human adjustments depends. Emphasis is placed upon emotional reactions as primary sources of motivation and an attempt is made to indicate the most effective methods of training and of retraining the various types of emotional reactions. *Five hours a week, fall quarter.* Professor Bagby.

45. ABNORMAL PSYCHOLOGY: FEEBLE-MINDEDNESS.

Presentation of the psycho-neural aspects of feeble-mindedness in general, and of the various types, together with their importance in relation to the problems of education, dependency, and delinquency. There will be discussion and demonstration of the various clinical methods of determination and classification of feeble-mindedness. (Given alternately with Psychology 47.) *Five hours (lectures and equivalent laboratory) a week, winter quarter. Laboratory fee, $1.00.* Professor Crane.

46. ABNORMAL PSYCHOLOGY: PSYCHONEUROSES AND PSYCHOSES.

A study is made of the more important deviations from the normally reacting and experiencing human organism. Attention is given to the sensory, imaginal, emotional, motor, etc., abnormalities and to the occurrence of these in the various psychoses. Brief surveys are given of the methods of clinical psychology and of psychotherapy. *Five hours (lectures and equivalent laboratory) a week, spring quarter. Laboratory fee, $1.00.* Professor Crane.

47. ABNORMAL PSYCHOLOGY: METHODS OF MENTAL EXAMINATION.

A presentation of the various psychological methods used in the clinical study of individuals. This includes a study of the methods used in determination of the presence or absence of specialized defects as well as the determination of level of intelligence. Lectures, experiments, readings. (Given alternately with Psychology 45.) *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $2.00.* Professor Crane.

51, 52, 53. EXPERIMENTAL PROBLEMS.

To the student who finds himself especially interested in some particular problem of psychology, perhaps as growing out of the subject matter of one of the preceding courses, encouragement and opportunity are here offered for investigative study. May be elected any quarter, and for one, two, or three

quarters. *One lecture and eight laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.00 a quarter.* Professors Dashiell, Crane, Bagby, Mr. Bayroff.

Courses Primarily for Graduates

101. ADVANCED EXPERIMENTAL PSYCHOLOGY.

A training course in the technique of psychological experimentation and research, to acquaint the student both with methods and with typical forms of apparatus. A survey will be made of experimental technique in the study of the various motor, sensory, thinking, and emotional functions, including both introspective and behavioristic approaches. *One lecture and eight laboratory hours a week, fall quarter. Laboratory fee, $2.00.* Professor Dashiell.

102-103. RESEARCH IN PSYCHOLOGY. Prerequisite, Psychology 101.

Opportunity will be given for the experimental investigation of special problems along the line of the individual student's interests. The personal and material resources of the department are here especially offered. *Ten laboratory hours a week, winter and spring quarters. Laboratory fee, $2.00 a quarter.* Professors Dashiell, Crane, Bagby.

105. PHYSIOLOGICAL PSYCHOLOGY.

An intensive study is made. Emphasis is placed upon the neural mechanism as a basis of understanding both the mental and the reaction phenomena of psychology. *Five hours (lectures and equivalent laboratory) a week, fall quarter. Laboratory fee, $2.00.* Professor Crane.

106. CONTEMPORARY PSYCHOLOGICAL TENDENCIES.

A systematic survey of the more outstanding recent and contemporary movements in modern psychology. Readings assigned in the works of Wundt and Titchener, James, Hall, McDougall and Stout, Thorndike, Watson, Freud, Jung, Köhler, Koffka, and perhaps others. *Five hours a week, spring quarter.* Professor Dashiell.

108. SOCIAL PSYCHOLOGY.

Several relatively unrelated problems are treated in this course. The feeble-minded, the insane, and the criminal types are characterized, and suggestions are offered for the solution of the social problems involved. The immigration policy of the United States is critically studied from a psychological point of view. Typical mob reactions, especially lynching episodes, are analysed. Finally, a study is made of the conditions conducive to the development of national spirit and other forms of loyalty. *Five hours a week, winter quarter.* Professor Bagby.

The student is referred also to courses in Educational Psychology given by Professors Jordan and Trabue in the Department of Education, numbers 20, 43, 64, and 110, and in Neurology, Anatomy 6, given by Professor Mangum in the School of Medicine.

140-141. ADVANCED RESEARCH.

Experimental or clinical research to be done by advanced graduate students only. *Fall, winter, or spring quarter.* Professors Dashiell, Crane, Babgy.

DEPARTMENT OF ROMANCE LANGUAGES

Professors DEY, LEAVITT, HOLMES; Associate Professors HUSE, ADAMS, STAAB; Assistant Professors WILSON (Secretary), LYONS, FENLEY, BOGGS; Instructors SMITH, STOUDEMIRE, WRIGHT, BARKER, SALLEY, LINKER, DOWNS, CARROLL, MCLEOD, JENNINGS; Teaching Fellows SHIELDS, HOWELL, TAYLOR; Assistants SLOAN, THOMPSON.

FRENCH

Courses for Undergraduates

1-2. ELEMENTARY FRENCH.

Essentials of French Grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible, with much oral work. This course may be counted for credit by those only who fulfill the requirements for the degree in two other foreign languages and provided it is followed by French 3-4. Course 2 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Lyons, Messrs. Smith, Wright, Barker, Linker, Downs, Carroll, McLeod.

NOTE. No student is permitted to take French 1 or 2 and Spanish 1 or 2 at the same time.

3-4. INTERMEDIATE FRENCH. Freshman and Sophomore elective.

Reading of modern French literature, frequent composition, and dictation. Course 4 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professors Huse, Staab, Wilson, Messrs. Smith, Wright, Barker, Linker, Downs, Carroll, McLeod.

5. INTRODUCTION TO FRENCH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, French 3-4.

Introduction to the study of French literature. A general survey of French literature during the 17th century, with some reference to preceding literary movements. Reading of plays of Corneille, Racine, and Molière. *Five hours a week, every quarter.* Professors Dey, Huse, Lyons, Wilson, Fenley, Messrs. Smith, Barker.

6. MODERN FRENCH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, French 5.

A general survey of French literature since the classical period with special stress on the 19th century. *Five hours a week, every quarter.* Professors Lyons, Fenley.

7. FRENCH CONVERSATION AND COMPOSITION. Junior and Senior elective. Prerequisite, French 5.

The object of this course is to provide students with an opportunity to acquire practice in spoken French. Discussion in French on subjects of general interest. Composition and outside reading. *Five hours a week, fall or spring quarter.* Professor Lyons.

8. FRENCH CIVILIZATION. Junior and Senior elective. Prerequisite, French 7.

A rapid survey of the history of France, with emphasis on political and economic developments necessary to an understanding of the present situation. History and discussion of French institutions, with some reference to the history of French art and French music. All lectures, discussions, and reports on collateral reading are in French. *Five hours a week, winter quarter.* Professor Lyons.

9. COMMERCIAL FRENCH. Open to students in the School of Commerce only. Prerequisite, French 5.

The object of this course is to give the student practical training in modern French. Newspaper and magazine articles dealing with the life and customs of the country are read. Practice in social and commercial correspondence. This course is largely conducted in French. *Five hours a week, fall or spring quarter.* Professor Staab.

10. REVIEW OF GRAMMAR AND SYNTAX. Junior and Senior elective Prerequisite, French 5.

This course is primarily for teachers, and is open to Juniors and Seniors who intend to teach French. It consists of an intensive review study of the elements and fundamentals of French grammar and syntax.

Before registering for this course, students must secure the permission of the instructor. *Three hours a week, winter quarter.* Mr. Smith.

Courses for Graduates and Advanced Undergraduates

11. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Prerequisite, French 6.

A study of the period of Henry IV and Louis XIII. *Five hours a week, fall quarter.* Professor Wilson.

12. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Prerequisite, French 6.

This course deals with the literature of the reign of Louis XIV. *Five hours a week, winter quarter.* Professor Wilson.

13. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. Prerequisite, French 6.

Voltaire, Montesquieu, Rousseau, les Encyclopédistes. A study of the literary movement of the century and of the origins of romanticism. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Huse.

14. FRENCH PHONETICS. Prerequisite, French 5.

A detailed study of the French vowel and consonant sounds by the phonetic method. This course is required of candidates for the master's degree, and it should be elected by anyone who intends to teach French. *Five hours a week, fall quarter.* Professor Dey.

15. FRENCH ROMANTICISM. Prerequisite, French 6.

French literature from 1800 to 1850, with special stress on the works of the romantic poets, Lamartine, Hugo, Vigny, and Musset. Lectures, reading, reports. *Five hours a week, fall quarter.* Professor Dey.

16. FRENCH LITERATURE SINCE 1850. Prerequisite, French 6.

A study of the later literary movements of the 19th century, with some emphasis on the contemporary period. Lectures, readings, reports. *Five hours a week, winter quarter.* Professor Dey.

17. THE FRENCH DRAMA PRIOR TO 1700. Prerequisite, French 6.

A survey of the religious and comic theatres of the Middle Ages; the theatre of the Renaissance and its relation to the classic theatres of Greece and Rome; the neo-classic theatre of the Seventeenth Century. *Five hours a week, winter quarter.* Professor Wilson.

18. THE FRENCH DRAMA SINCE 1700. Prerequisite, French 6.

A survey of Modern French Drama with special attention to the theatrical principles and ideas of the different dramatic schools of the last two centuries. *Five hours a week, spring quarter.* Professor Wilson.

19. THE FRENCH NOVEL. Prerequisite, French 6.

A study of the development of the novel in France. Lectures, readings, reports. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Dey.

24. FRENCH LYRIC POETRY. Prerequisite, French 6.
A study of French lyric poetry, beginning with Villon. Lectures, readings, reports. *Five hours a week, spring quarter.* Professor Huse.

26. HISTORY OF THE FRENCH LANGUAGE. Prerequisite, French 6.
A general survey from the origins to the present day, with especial emphasis upon the period, 1500-1900: the influence of the Erudits, Précieuses, Philosophes, and Romanticists; spelling reforms. *Five hours a week, winter quarter.* Professor Holmes.

Courses Primarily for Graduates

101. STUDIES IN ROMANTICISM. Prerequisite, French 15.
Seminar course. Intensive study of one of the romantic poets. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Dey.

105-106. FRENCH LITERATURE OF THE RENAISSANCE.
A study of French literature of the Sixteenth Century. Italian and French Humanism. The reformation. Marot, Rabelais, Calvin, the Pléiade, Montaigne. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter and spring quarters.* Professor Lyons.

108. FRENCH LITERATURE OF THE 14TH AND 15TH CENTURIES. Prerequisite, French 105 or 121.
A combination of literary survey and reading course. Especial attention will be paid to Villon, who will be read entire with commentary. General treatment of such writers as Machaut, Froissart, Christine de Pisan, etc. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

110. HISTORY OF FRENCH LITERATURE PRIOR TO 1300.
Lectures and seminar papers. A complete and careful study of the origins of French literature, with emphasis upon the twelfth century Renaissance, the period of the epics, beginning of romances, etc. French 121 is desired, though not a prerequisite. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

121-122-123. OLD FRENCH.
Reading of the oldest texts: La Chanson de Roland; Aucassin et Nicolette; Chrétien de Troyes. Lectures on French Phonology and Morphology. *Five hours a week, fall, winter, and spring quarters.* Professor Holmes.

125. PROVENCAL.
A study of the ancient language and literature of Provence. The poetry of the Troubadours. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

131. FRENCH SYNTAX.
The most important phases of modern French syntax studied from a historical point of view. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Dey.

141. RESEARCH.
Research in a special field under the direction of a member of the department.

CELTIC 105. MIDDLE IRISH.
Grammar and reading of texts. Dottin, *Manuel de l'Irlandais Moyen, Táin Bó Cúailnge* (supplement to *Eriu*). *Five hours a week, winter quarter.* Professor Holmes.

SPANISH

Courses for Undergraduates

1-2. ELEMENTARY SPANISH.
Essentials of Spanish grammar. Special drill in pronunciation. Reading of selected texts, with much oral drill. This course may be counted for credit by those only who fulfill the requirements for the degree in two other foreign languages and provided it is followed by Spanish 3-4. Course 2 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Boggs, Messrs. Stoudemire, Salley, Jennings, Sloan, Thompson.

NOTE: No student is permitted to take Spanish 1 or 2 and French 1 or 2 at the same time.

3-4. INTERMEDIATE SPANISH. Freshman and Sophomore elective. Prerequisite, Spanish 1-2 or the equivalent.
Reading of modern Spanish literature, composition, and dictation. Course 4 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Adams, Messrs. Stoudemire, Salley, Jennings, Sloan, Thompson.

5. INTRODUCTION TO SPANISH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, Spanish 3-4.
Introduction to the study of Spanish literature. Reading of masterpieces of the 19th and 20th Centuries. Class lectures and discussions of important figures of Spanish literature. *Five hours a week, every quarter.* Professors Leavitt, Adams, Mr. Stoudemire.

6. MODERN SPANISH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, Spanish 5.
A general survey of Spanish literature up to the end of the 17th century. Readings from the picaresque novels and the drama of the Siglo de Oro. *Five hours a week, every quarter.* Professor Boggs.

8. TEACHERS' COURSE. Junior and Senior elective. Prerequisite, Spanish 5.
General course in Spanish phonetics. Discussion of teachers' problems. This course should be elected by those who intend to teach Spanish. *Five hours a week, spring quarter.* Professor Boggs.

9. COMMERCIAL SPANISH. Open to students in the School of Commerce only. Prerequisite, Spanish 5.
The object of this course is to give the student practical training in modern Spanish. Newspapers and magazine articles dealing with the life and customs of South America are read. Practice in social and commercial correspondence. This course is largely conducted in Spanish. *Five hours a week, winter or spring quarter.* Professor Leavitt.

Courses for Graduates and Advanced Undergraduates

11. LOPE DE VEGA AND HIS CONTEMPORARIES. Prerequisite, Spanish 6.
Reading of representative plays of Lope de Vega, Tirso de Molina, Guillén de Castro, Ruiz de Alarcón, etc. Lectures and reports. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

12. CALDERON AND HIS CONTEMPORARIES. Prerequisite, Spanish 6.

Reading of representative plays of Calderón de la Barca, Moreto, Rojas, etc. Lectures and reports. (Offered in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

15. EARLY LYRIC POETRY. Prerequisite, Spanish 6.

A survey of lyric poetry in the Spanish peninsula from the origins through the Siglo de Oro. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Adams.

16. MODERN LYRIC POETRY. Prerequisite, Spanish 6.

Brief treatment of the poetical schools of Seville and Salamanca in the eighteenth century and study of Spanish lyric poetry through the nineteenth century to the present day. (Offered in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Adams.

17. SPANISH DRAMA OF THE NINETEENTH CENTURY. Prerequisite, Spanish 6.

Reading of representative plays of this period. Lectures, oral and written reports. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

18. MODERN SPANISH DRAMA. Prerequisite, Spanish 6.

Reading of plays of Dicenta, Benavente, Linares Rivas, the Alvarez Quintero brothers, Marquina, Martínez Sierra, etc. Lectures, oral and written reports. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

19. EARLY SPANISH PROSE FICTION. Prerequisite, Spanish 6.

A study of the origins and developments of the novel in Spain up to the time of Cervantes. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Adams.

20. THE SPANISH NOVEL. 1605-1898. Prerequisite, Spanish 6.

A survey of the novel from Cervantes through the nineteenth century. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Adams.

21. MODERN SPANISH NOVELISTS. Prerequisite, Spanish 6.

A study of the "Generation of '98," with consideration of present day tendencies. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Adams.

Courses Primarily for Graduates

121-122. EARLY SPANISH.

Ford's *Old Spanish Readings.* The Poem of the Cid. Spanish literature to the sixteenth century. *Five hours a week, fall and winter quarters.* Professor Boggs.

123. EARLY SPANISH LITERATURE. Prerequisite, Spanish 121-122.

Seminar course. Intensive study of one representative author of this period. *Five hours a week, spring quarter.* Professor Boggs.

127. SPANISH ROMANTICISM. Seminar course.

General survey of the Romantic period in Spain and investigation of special problems. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Adams.

131. INTRODUCTION TO SPANISH-AMERICAN LITERATURE.
A study of notable authors and consideration of present-day writers. (Offered in 1930-1931 and alternate years.) *Five hours a week, spring quarter.* Professor Leavitt.

141. RESEARCH.
Research in a special field under the direction of a member of the department.
Attention is called to Comparative Literature 58.

ITALIAN

Courses for Undergraduates

1. ELEMENTARY COURSE. Junior and Senior elective. Prerequisite, French 3-4 or Spanish 3-4.
Grammar, pronunciation, oral and written exercises. Reading of modern Italian texts. *Five hours a week, winter quarter.* Professor Huse.

2. MODERN ITALIAN LITERATURE. Junior and Senior elective. Prerequisite, Italian 1.
Continuation of course 1 with readings from modern Italian poets, dramatists, and novelists. *Five hours a week, spring quarter.* Professor Huse.

Courses for Graduates and Advanced Undergraduates

11. ITALIAN LITERATURE OF THE RENAISSANCE. Prerequisite, Italian 1 and 2.
Readings from the principal authors, with special emphasis on Ariosto, Machiavelli, Castiglione, and the lyric poets. Collateral reading on the history of Italian culture during the Renaissance. *Five hours a week, winter quarter.* Professor Huse.

12. DANTE. Prerequisite, Italian 1 and 2.
The *Vita Nuova* and the *Inferno*, with some reference to origins of Italian literature and to the poets of the *Dolce stil nuovo.* (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Huse.

13. DANTE. Prerequisite, Italian 12.
The *Purgatorio* and the *Paradiso.* (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Huse.

56. DANTE IN ENGLISH TRANSLATION. Junior, Senior, and Graduate elective.
The *Vita Nuova* and the *Divine Comedy;* the precursors of Dante and the poets of the *dolce stil nuovo.* Special studies of Dante's political and social philosophy, with particular emphasis on Dante as a poet and as a guide. *Five hours a week, fall quarter.* Professor Huse.

Course Primarily for Graduates

121. OLD ITALIAN.
Reading of the poets previous to Dante. Early monuments. Survey of phonology and morphology. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

DEPARTMENT OF RURAL SOCIAL ECONOMICS

Professor BRANSON; Associate Professor HOBBS; Assistant Professor WAGER.

Courses for Undergraduates

1-2. RURAL ECONOMICS. Junior and Senior elective.
A general course in the principles and problems of rural economy, with special attention given to the economics of agriculture in North Carolina and the South. References: Gray's *Agricultural Economics;* Taylor's *Outlines of Agricultural Economics;* Yoder's *Introduction to Agricultural Economics. Five hours a week, fall and winter quarters.* Professor Hobbs.

3. HISTORY OR AGRICULTURE. Junior and Senior elective.
This course traces the development of agriculture from its earliest beginnings to the present: earliest beginnings; Greece and Rome; later agriculture in Europe; American agriculture. References: Gras, *A History of Agriculture;* Schmidt and Ross, *Readings in the Economic History of American Agriculture;* special readings. *Five hours a week, spring quarter.* Professor Hobbs.

5. RURAL SOCIOLOGY. Junior and Senior elective.
Rural Sociology. Text: Gillette's *Rural Sociology.* Collateral readings; Galpin's *Rural Life;* Butterfield's *Chapters in Rural Progress;* Sorokin and Zimmerman's *Principles of Rural-Urban Sociology. Five hours a week, fall quarter.* Professor Wager.

6. RURAL SOCIOLOGY. Junior and Senior elective.
Country Life Problems. Text: Taylor's *Rural Sociology.* Collateral readings: Boyle's *Rural Problems in the United States,* Galpin's *Rural Social Problems,* Butterfield's *The Country Church and the Rural Problem. Five hours a week, winter quarter.* Professor Wager.

7. RURAL SOCIOLOGY. Junior and Senior elective.
The Rural Community. Text: Sims' *Elements of Rural Sociology.* Collateral readings: Hawthorne's *The Sociology of Rural Life,* Hayes' *Rural Community Organization,* Miller's *Town and Country,* Wilson's *Evolution of the Country Community,* Sims' *The Rural Community,* Steiner's *The American Community in Action. Five hours a week, spring quarter.* Professor Wager.

9-10-11. LABORATORY COURSE IN RURAL ECONOMICS AND SOCIOLOGY. Junior and Senior elective. Corequisite, 1-2 or 5, 6, 7.
Home-state studies, home-county studies, research projects and surveys. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professors Hobbs, Wager.

12-13-14. LABORATORY COURSE ON THE HOME COUNTY. Junior and Senior elective.
Studies in the economic and social conditions of the home county with a view to the publication of a county survey or a county geography supplement. Arranged especially to meet the needs of county organizations at the University. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professor Wager.

15. THE RURAL COUNTY AND ITS INSTITUTIONS. Junior and Senior elective.
A study of the county as a unit of social organization. The county is examined as a unit of education, public health, public welfare, library service,

material and cultural development. An analysis is made of existing institutions and of proposed adjustments. Attention is given to the civic attitudes manifested in the county, and the quality of leadership found. Text: Wager's *County Government in North Carolina.* Source material will be drawn from county newspapers and from the sixty studies of county affairs already completed by the Institute for Research in Social Science. *Five hours a week, spring quarter.* Professor Wager.

21. AGRICULTURAL CO-OPERATION. Junior and Senior elective. Lecture and research. History of agricultural coöperation, principles of coöperation, coöperative organization, rural credits, and coöperative marketing. *Five hours a week, winter quarter.* Professor Hobbs.

Course for Graduates and Advanced Undergraduates

20. NORTH CAROLINA: ECONOMIC AND SOCIAL. This course is designed to familiarize the student with North Carolina: population, agriculture, resources, social life, economic development, industry. *Five hours a week, fall or spring quarter.* Professor Hobbs.

Courses for Graduates

105abc. RURAL SOCIAL PROBLEMS. Designated readings on and class discussions of (1) the solitary farmstead and the country community, (2) farm tenancy, (3) country illiteracy, (4) the country school, (5) the country church, and (6) rural citizenship. *Five hours a week, fall, winter, and spring quarters.* Professor Branson.

113abc. RURAL ECONOMICS. Research, seminars, and field investigations in (1) land economics—resources, values, ownership and tenancy, laws and policies; (2) farm organization and management—farm systems, farm finance, distribution of farm products and the farm income, coöperative farm enterprise; (3) country wealth, country institutions and problems; (4) state and county studies, economic, social, and civic; county bulletins, etc. Required preliminary preparation; approved courses in general and rural economics. Lacking such preparation, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

115abc. COUNTY ADMINISTRATION. Research, seminars, and field investigations of county organization, resources, institutions, and administration. Typical subjects for study might be: county consolidation, county management, tax resources, highway administration, the county home, the county jail, programs of economic and social development, county planning. Prerequisite, at least three courses in economics and government. *Five hours a week, fall, winter, and spring quarters.* Professor Wager.

117abc. RURAL SOCIAL PROBLEMS. 1. Research, seminars, and field investigations of (1) rural social institutions and agencies, (2) transportation and communication facilities in rural areas, (3) country-mindedness and its sequences, (4) town and country interdependences, (5) social disability in country areas, our public welfare laws and agencies, (6) social aspects of tenancy and illiteracy, (7) state and county studies, economic, social, and civic; county bulletins, etc. 2. Rural Social Surveys; research, technic, and field work. 3. Statistics; interpretation and use. 4. Rural Social Engineering: (1) county community studies; (2) community organization, economic and social; (3) county government; (4) country leadership, requisites and technic. Required preliminary preparation, approved

courses in general and rural sociology. Lacking this, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

SOCIOLOGY

DEPARTMENT OF SOCIOLOGY

Professors ODUM, MEYER, *BERNARD; Research Professors GROVES, WOOFTER; Associate Professor SANDERS; Assistant Professor BROOKS; Research Associates JOHNSON, BROWN, VANCE; Teaching Fellow WILLIAMS.

Courses for Undergraduates

1. INTRODUCTION TO SOCIOLOGY. Sophomore, Junior, and Senior elective.

Emphasis on social origins as found in primitive society, the rise of contemporary society, the forces shaping society studied through the geographical, biological, psychological, and cultural approaches; social organization and control; the elements of social theory. *Five hours a week, every quarter.* Professors Meyer, Sanders, Brooks.

2. SOCIAL THEORY.

A survey of the range of contemporary social theory with preliminary consideration of its historical backgrounds. A study is made of contributions to theories of human ecology, regionalism, population, social differentiation, the social personality, mobility, human nature and culture, collective behavior, religion, art and the mores, the social processes, conflict, and social control. Leading theories are summarized, compared, and criticised. *Five hours a week, winter or spring quarter.* Professor Vance.

3. STATISTICS AND STATISTICAL METHODS. NOTE: See Education 43.

A brief survey of the field of theoretical statistics, with a thorough mastery of the elements of numbering, averages, modes, medians, variations, and of the scientific principles involved. Special emphasis will be placed upon practical methods of utilizing statistics, the recognition of facts, gathering data, compiling, platting, conclusions, and the special application of statistics to social phenomena. *Five hours a week, winter quarter.* Professors Odum, Trabue.

4. EDUCATIONAL SOCIOLOGY.

Education as a process of social control and achievement. The social resources of the school and other educational resources. Social problems of the teacher. *Five hours a week, winter quarter.* Professor Groves.

10. THE STUDY OF SOCIAL PROBLEMS. Sophomore, Junior, and Senior elective.

A general course giving primary emphasis to positive features and secondary consideration to the pathological aspects of society. The student is introduced to various social problems and institutions such as race, immigration, the family, and the community, which can be pursued more intensively in other specialized courses in this department. *Five hours a week, every quarter.* Professors Meyer, Sanders, Brooks.

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* Absent on leave, 1929-1931.

24. THE PRACTICE OF PLAY AND RECREATION.

Play ground plans, equipment, activities, practical programs, play analysis, methods of game instruction, organization and club work, camp life, special holiday activities, play forms—simple imitation, story plays, rhythmic plays, contests, goal games, tag games, team games. *Three hours a week, spring quarter.* Professor Meyer.

25. EXTRA-CURRICULAR ACTIVITIES IN THE SCHOOL COMMUNITY.

Clubs, student participation in school government, physical education, publicity in school publications, commencement, many miscellaneous topics—the assembly, festival days, suggestions to leaders, home room activities, programs, dramatics, point systems, contributions from national agencies interested in extra-curricular activities, theoretical and practical studies of institutions promoting successful programs, bibliographical materials. *Three hours a week, fall quarter.* Professor Meyer.

Courses for Graduates and Advanced Undergraduates

5. NEGRO PROBLEMS.

A study of the race problems of the South, with consideration of the history, economic and social status, and future of the Negro. Standards of measurement for race progress; race relationships; the specific problems of the here and now of Southern race relations. *Five hours a week, fall quarter.* Professors Woofter, Johnson.

6. PROBLEMS OF IMMIGRATION.

A study of immigrant backgrounds; the problems confronting the immigrant and the problems created by his presence in the United States; the processes involved in the assimilation of the immigrant, his children, and his grandchildren into our cultural life. *Five hours a week, fall quarter.* Professor Woofter.

NOTE—The following courses in Sociology—8, 9, and 41—are not open to students in the College of Liberal Arts during the session 1930-1931.

8. COMMUNITY ORGANIZATION.

The community as a unit of work, problems of modern community life, principles underlying community organization, experiments in methods of community organization, development and coördination of community activities illustrated by case records, problems of community leadership. A critical review of the role of custom, habit, crisis, and gregariousness in community development. Special attention is given to the place of the crowd spirit in community work and to effective means of achieving community solidarity. An evaluation of community forces with a view to discovering the principles involved in their organization and coördination. (Not to be given in 1930-1931.) *Five hours a week, fall quarter.* Professor ————.

9. ADMINISTRATION OF COMMUNITY WORK.

A general survey of typical experiments in community organization; development and coördination of community activities illustrated by case records; a comparative study of methods and administration with special attention to problems of central financing of social agencies; qualifications for leadership in community work. (Not to be given 1930-1931.) *Five hours a week, spring quarter.* Professor ————.

11. MARRIAGE AND THE FAMILY.

A discussion of the problems of marriage and the family and their relation to contemporary social conditions with emphasis upon normal and successful matrimony and parenthood. *Five hours a week, spring quarter.* Professor Groves.

12. CRIME AND ITS SOCIAL TREATMENT.

Nature and causes of crime; evolution of modern methods of criminal procedure; administration of penal and reformatory institutions; programs for the social treatment of the criminal; the problems of juvenile delinquency. The class work will be supplemented by field trips to criminal courts and penal institutions. *Five hours a week, winter quarter.* Professor Brown.

13. SOCIAL PATHOLOGY.

A survey of the abnormal and pathological aspects of society. Among the problems studied are feeblemindedness, insanity, physical defectiveness, malnutrition, alcoholism, prostitution, vagrancy, family disorganization. Emphasis is given to methods of treatment by private and public institutions and agencies. Class work is supplemented by field trips to county and state institutions. *Five hours a week, spring quarter.* Professor Brown.

14. FAMILY CASE WORK.

Discussion of the relation of the individual to the family and the family to the community. The technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis, treatment. Class work is supplemented by visits to social agencies in neighboring cities and by field work under the supervision of members of the staff of the School of Public Welfare. For students who expect to enter the profession of social work eight hours a week of field work are required. *Five hours a week, fall or spring quarter.* Professor Sanders.

15. ADVANCED FAMILY CASE WORK.

A continuation of Sociology 14, with more intensive study of case work. *Five hours a week, winter or spring quarter.* Professor Sanders.

23. THE THEORY OF PLAY AND RECREATION.

The theories of play, play activities, attitudes, history of the play movement, play leadership, programs, values, sex and age differences, classification of movements, application to community life. *Three hours a week, winter quarter.* Professor Meyer.

28. JUVENILE DELINQUENCY.

This course deals with the diagnosis and treatment of juvenile delinquency from the social worker's viewpoint. Under *diagnosis* will be taken up the methodology of the social scientists in this field, and the evaluation of the different causative factors of juvenile delinquency. Under *treatment* will be covered the work of the juvenile court, probation, parole, and institutional care. *Five hours a week, winter or spring quarter.* Professor Sanders.

29. THE PUBLIC CARE OF CHILDREN.

This course is intended primarily for students who expect to follow social work as a profession. The major part of the course will be devoted to the study of the methods and technique of the social agencies engaged in the social treatment of the different classes of children who stand in need of public care and protection, such as the delinquent child, the dependent or neglected child, the defective child, and children in employment. The latter part of the course will be devoted to a discussion of public responsibility for the welfare of children in general, especially from the standpoint of education, health, and maintenance. *Five hours a week, winter quarter.* Professor Sanders.

40. THE ORGANIZATION AND ADMINISTRATION OF PUBLIC WELFARE.

1. The organization of Public Welfare in the United States. 2. Detailed study of the North Carolina Plan. 3. Office Organization and Administration. Alternates with 41. (Given in 1930-1931.) *Five hours a week, fall quarter.* Professor Brown.

41. SOCIAL LAWS.
The development of social legislation pertaining to important social problems. Special attention to social laws of North Carolina. Alternates with 40. (Not given in 1930-1931.) *Five hours a week, fall quarter.* Professor Brown.

45. SOCIAL ANTHROPOLOGY.
The origins, types, development, and distribution of culture, with emphasis upon the modern cultural environment and its selective influence. *Five hours a week, spring quarter.* Professor Johnson.

Courses Primarily for Graduates

105. SOCIAL ORIGINS AND SOCIAL CHANGE.
The factors producing cultural change and the effects of cultural accumulation, cultural conflicts, and cultural dominance. *Five hours a week, fall quarter.* Professor Johnson.

107. THE ADVANCED STUDY OF SOCIAL PROBLEMS.
A general course integrating social problems and social theory with the following general divisions: teacher and student, a general approach, the spirit and method of science, society and the good life, the individual, leadership, social change and social problems, physical background of society, social incidence and social emergencies, international, national, and regional problems, race, the Negro in America, immigration and social population, the family, community, the city, problems of country life, business, labor, maladjustment and social waste, social planning, social work and public welfare, social progress, values, social science and guidance. *Five hours a week, fall, winter, or spring quarter.* Professors Odum, Meyer, Brooks.

108. METHODS IN SOCIAL RESEARCH.
Outlines of social research including the spirit of scientific research, social research and the new alignment of the social sciences, the historical approach to the social sciences, the qualifications of the social research specialist, the divisions and general methods of social science, types of method and approach: the statistical, the survey; the experimental, the case; the biological, the psychological; the anthropological or comparative, the historical; the range of general sources, research agencies and groups, reading and bibliography as tools, the utilization of notes and records, schedules, questionnaires and forms, common sense technique, preparation of manuscript and publication, examples of social research and bibliographies. *Five hours a week, fall quarter.* Professors Odum, Woofter.

109. SOUTHERN REGIONAL SOCIAL PROBLEMS.
An extended survey of the field of regional social problems in the Southern states, classified and grouped under certain sociological categories and physical backgrounds, cultural patterns, processes of social change, social incidence, individual and social differentiation, institutions and leadership, social programs, social science, and social research. Topical analysis and extensive questions supplemented with concrete data and special thorough study of given selected problems. *Five hours a week, winter quarter.* Professor Odum.

121. ADVANCED PRINCIPLES OF SOCIOLOGY.
A graduate course in the study of advanced social theory and research into selected aspects of the field. *Five hours a week, winter or spring quarter.* Professor Vance.

122. EDUCATIONAL SOCIOLOGY.
An advanced course in the study of scientific programs of social progress. Objective measurement of social influences and social groups. Research into

some specific problems relating to one of the large institutions. *Five hours a week, winter or summer quarter.* Professor Groves.

123. HISTORICAL SOCIOLOGY.
A study of the leading social theorists and their contributions to human thought and welfare. Research into the theories of some selected writer. *Five hours a week, spring quarter.* Professors Odum, Vance.

127-128-129. GRADUATE RESEARCH SEMINARS.
Research in selected topics. *Five hours a week, fall, winter, and spring quarters.* Professor Odum.

130-131-132. GRADUATE RESEARCH SEMINARS.
Research in special topics. *Five hours a week, fall, winter, and spring quarters.* Professor Groves.

134. EUROPEAN SOCIOLOGY.
The development of social thinking from the earliest times to the present, with particular emphasis upon recent trends and schools. (Not given in 1930-1931). *Five hours a week, fall quarter.* Professor Bernard.

135. AMERICAN SOCIOLOGY.
Social thought in the nineteenth and twentieth centuries, stressing especially the recent tendencies in sociological theory and investigation. (Not given in 1930-1931). *Five hours a week, winter quarter.* Professor Bernard.

136. RECENT SOCIOLOGICAL THEORY.
An intensive developmental study of some phase of recent sociological theory. The field selected will vary from year to year. In 1929 Cultural Sociology has been chosen, and in 1930 Psychological Sociology will probably be covered. (Not given in 1930-1931). *Five hours a week, spring quarter.* Professor Bernard.

141. SEMINAR.
Individual research in a special field under the direction of a member of the Department.

DEPARTMENT OF ZOOLOGY

Professors *WILSON, COKER; Associate Professor BEERS; Assistant Professor VALENTINE; Instructor MOZLEY; Teaching Fellow WILLIAMS; Assistants WATKINS, PUCKETT, Miss GRAINGER, BEAKLEY, SISK.

Courses for Undergraduates

1 (a). FUNDAMENTALS OF ANIMAL BIOLOGY. Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1 (b).
Elements of anatomy, physiology, and classification of animals. *Three hours a week, fall or winter quarter.* Professors Coker, Beers.

1 (b). PRACTICAL STUDIES IN ANIMAL BIOLOGY. Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1 (a).
Dissection of animals and study of tissues, to give the foundation for an understanding of the organization and functions of vertebrate animals and especially of man. *One lecture and four laboratory hours a week, fall or winter quarter. Laboratory fee, $5.00.* Professors Coker, Beers, Mr. Mozley, and Assistants.

* Absent on leave, 1929-1930.

2 (a). DEVELOPMENT OF ANIMALS. Sophomore, Junior, and Senior elective. Prerequisite, Zoölogy 1 (ab).

Basic facts and theories of individual development, heredity, and evolution. *Three hours a week, spring quarter.* Professor Wilson. (Professor Valentine, 1929-1930).

2 (b). INVERTEBRATE ZOOLOGY. Sophomore, Junior, and Senior elective. Prerequisite, Zoölogy 1 (ab).

Study of invertebrate animals as examples of the varied forms of life and as concrete illustrations of the principles of biology. Field trips are made for the purpose of observing animals in nature. *One lecture and four laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Valentine, Mr. Mozley, and Assistants.

Courses for Graduates and Advanced Undergraduates

3. COMPARATIVE ANATOMY OF VERTEBRATES. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

Dissection of types especially amphioxus, petromyzon, fish, fowl, rabbit. Laboratory work with occasional lectures. *Ten laboratory hours a week, fall quarter. Laboratory fee, $5.00.* Professor Wilson. (Professor Valentine, 1929-1930).

4. COMPARATIVE EMBRYOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

Maturation and fertilization phenomena in some invertebrate types; segmentation and formation of germ layers in frog and teleost fish; germ layers and development of characteristic vertebrate organs in chick; essentials of microscopic technique. Laboratory work with occasional lectures. *Ten laboratory hours a week, winter quarter. Laboratory fee, $5.00.* Professor Wilson. (Professor Beers, 1929-1930).

5. COMPARATIVE HISTOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 4.

Microscopic preparations of selected tissues and organs are made from the fresh animal and studied with the help of texts and original papers. Laboratory work with assigned reading and seminar reports. *Ten laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Beers.

6-7-8. MORPHOLOGY AND CLASSIFICATION OF THE INVERTEBRATES. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

Dissection and microscopic study of types of the chief orders, with some consideration of life histories; systematic diagnosis. Laboratory work with occasional lectures. *Six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Professor Wilson. (Professor Coker, 1929-1930).

9. INTRODUCTION TO HYDROBIOLOGY. Junior and Senior elective. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

A study of animal life in water, with special reference to the relation of animals to each other and to their environments. Field and laboratory work, lectures, reading of special papers, discussions. *Five hours (lectures and equivalent laboratory) a week, fall quarter. Laboratory fee, $5.00.* Professor Coker.

10. INTRODUCTION TO PROTOZOOLOGY. Junior and Senior elective. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

A consideration of the structure, classification, and life histories of the one-celled animals, with special reference to those of medical importance—in

particular, the intestinal protozoa and the causative agents of malaria and the sleeping sickness. *Lectures and demonstrations, five hours a week, winter quarter.* Professor Beers.

11. MORPHOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 3.
Classification, life-habits, and diagnostic anatomy of vertebrate animals, with occasional reference to extinct forms. Laboratory, field and seminar work. *Ten laboratory hours a week, winter quarter (1929-1930). Laboratory fee, $5.00.* Professor Valentine.

Courses Primarily for Graduates

109-110-111. GENERAL EMBRYOLOGY AND REGENERATION.
Embryology and regeneration in the lower metazoa and simpler vertebrates. *Not less than ten laboratory hours a week, fall, winter, and spring quarters. Seminar reports. Laboratory fee, $5.00 a quarter.* Professor Wilson.

112-113-114. HYDROBIOLOGY. Prerequisite, Zoölogy 9.
The study of aquatic organisms and environments, with attention restricted to a particular topic, as a small group of animals, a limited set of habitats, or special phenomena of behavior. The work is on the border line of research, involving critical examination of literature, as well as field and laboratory study and seminar reports. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Professor Coker.

115. PROTOZOOLOGY.
Special study of the protozoa living in man and lower animals, with consideration of host-parasite relationships and with comparative studies on a few free-living forms. Laboratory work with occasional lectures, assigned readings, and seminar reports. *Ten laboratory hours a week, fall or spring quarter. Laboratory fee, $5.00.* Professor Beers.

116. RESEARCH.
Under this heading may be credited the work of a single quarter or that of one or more years. *Six or ten or more laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 or $5.00.* Professor Wilson or Professor Coker or Professor Beers.

PART FOUR

THE COLLEGE OF LIBERAL ARTS
THE SCHOOL OF APPLIED SCIENCE
THE SCHOOL OF ENGINEERING
THE SCHOOL OF EDUCATION
THE SCHOOL OF COMMERCE
THE SCHOOL OF PUBLIC WELFARE
THE GRADUATE SCHOOL
THE SUMMER SCHOOL
THE UNIVERSITY EXTENSION DIVISION

THE COLLEGE OF LIBERAL ARTS

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
ADDISON HIBBARD, M.A., *Dean.*

*THE ADMINISTRATIVE BOARD

GEORGE HOWE, Ph.D., *Professor of the Latin Language and Literature.*
WALTER DALLAM TOY, M.A. *Professor of the Germanic Languages and Literatures.*
WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology.*
MARION REX TRABUE, Ph.D., *Professor of Educational Administration.*
ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics.*
MITCHELL BENNETT GARRETT, Ph.D., *Professor of Modern European History.*
MILLARD SHERIDAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*
HOWARD RUSSELL HUSE, Ph.B., *Associate Professor of Romance Languages.*
MILTON SYDNEY HEATH, A.M., *Assistant Professor of Economics.*

REQUIREMENTS FOR ADMISSION

See page 55.

EXPENSES

See page 60.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

GENERAL STATEMENT

Historical Background

From the earliest founding of higher education in America, Colleges of Liberal Arts have played a responsible and major part in the training of citizens for the varied activities of life. For many years prior to our recent enthusiasm for specialization these colleges were the only form of higher education, the belief being that a man trained adequately in intellectual *habits* and given a sufficient cultural background had the best possible equipment for entering life and the professions. In recent years with the intense specialization of careers and the narrowing of departments of thought, the college has stood for the more liberalizing courses, as distinguished from specialized vocational or professional training, in the conviction that a trained mind is still a desideratum in contemporary life.

The position of the College of Liberal Arts at the University of North Carolina is analogous to that of similar colleges in others of America's better institutions,—it is the original unit of education from which other schools have sprung. When the constitution of North Carolina promulgated its plan for the education of the state's citizenry as a function of the state, it was the College of Liberal Arts which was first brought into being. The wording of the preamble to the Act of Incorporation is significant: ". . . in all well regulated Governments it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education." The College of Liberal Arts of the University of North Carolina, then, was foreseen in the first constitution of the state adopted in December 1776, was provided for in the charter granted by the General Assembly in 1789, and took its first material existence in the construction of Old East Building in 1793, thus proving itself the nucleus of the oldest state university in America.

Organization

As a division of the University of North Carolina, the College of Liberal Arts is under the control of the Board of Trustees and the President of the University; as a unit functioning within this larger institution, the College is governed by its own Administrative Board, by the Undergraduate Faculty, and by a dean whose responsibility as an administrative officer it is to carry out the regulations of these groups and to initiate such programmes as may seem necessary for the development of the best educational practices and for the promotion of the welfare and rounded development of the student. Within the College of Liberal Arts there are twenty-one

departments of instruction, each department functioning under its own head or chairman. The departments represented are: botany, chemistry, classical languages and literatures, comparative literature, economics, education, English, geology, Germanic languages, history and government, journalism, library science, mathematics, music, philosophy, physics, psychology, Romance languages, rural social economics, sociology, and zoölogy.

Aims and Purposes

A liberal education such as should be found within this college is designed to free the individual from thoughtless prejudice, hasty judgment, and careless imitation, and to set up in place of these evils a mind trained carefully in self-mastery, self-criticism, and independence of thought. The one essential of such an education must be found in *intellectual development;* yet this development must train numerous powers of the mind rather than present a specialized training of one power at the expense of the others. This last is the province of the vocational and professional schools and comes more properly after the student has had his undergraduate training within the college. Education is distinguished from ignorance by one quality—a man's capacity to act wisely, intelligently, in a *new* situation, in a position where he has never before found himself. In this way it is the purpose of the College of Liberal Arts through its courses in language and literature, science and history, to make the student familiar with the past experience of humanity in order that with this familiarity he may govern himself intelligently in the present and shape thoughtfully his own future and that of the society into which he is thrown. Through this experience and familiarity with the past, the student should develop not only his intellectual power but should derive the added qualities of a strengthened character and an independence of action which make for leadership.

That these purposes may be served, there are, within this college, three types of courses offered. In the first two years most of the studies pursued are of a preparatory nature, studies which offer the grounding for future work. This type of course is intended as a *tool* which the student can use later in his more advanced study. An illustration of this kind of subject is found in the beginning language courses. Here the purpose is not to drill the students in grammar as an end in itself, but rather to lay the foundation for an understanding of the language that later the student may study the literature of the country or be at home with its publications and journals for purposes of research or individual pleasure.

A second type of course is that which is usually called *cultural.* Here the intent is to widen the horizons of one's intelligence and appreciation, to give broader perspectives, sound mental habits,

and a sense of social responsibilities. Obvious examples of such training are found in the social and natural sciences, in literature, in courses on the history of art. Education of this type when successfully carried out results in a fundamental change in the individual, in his make up and outlook. Personal attitudes change and develop. Latent capacities perhaps unknown come to the front. New and unsuspected interests and enthusiasms find expression. Somewhere within himself the student discovers a new bit of talent which from that time forth it is his delight to exercise and develop. With it comes a quickening towards life and an added responsibility for self-expression and for living to the full of one's powers.

A third type of course—the *vocational*—also finds place within this college. In America today there are perhaps several hundreds of vocations calling for trained men and women. Not all of our professional people are trained in the schools of law, of engineering, of medicine. Citizenship of this century has countless uses for the trained mind. And except for those professions mentioned, and a few others, most of these specialists come from our colleges of liberal arts and from intensive training in the graduate school. Biologists, journalists, economists, social workers, writers, artists—all these and many more are specialists and professional workers in the same sense as the engineer or the lawyer, and yet what professional training they have secured has come from fields within the province of the College of Liberal Arts.

In brief, then, it must be said that the purpose of the College of Liberal Arts is to secure for the students intellectual development and intelligent action through the pursuit of learning which is of three types: preparatory, cultural, and vocational. And in the end towards which these studies point is a development of all inherent powers, the discovery of latent capacities, and the ability to express intelligently one's own will, one's own ideas, and one's own emotions. From a full use of these opportunities should result a greater enrichment of the individual life and a more intelligent, a more thoughtful citizenship.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS

The course leading to the degree of Bachelor of Arts is designed to provide a general, well-rounded, liberal education.

In order to be recommended for the degree a student must pass satisfactorily in thirty-six whole courses or equivalent including the prescribed subjects listed below and elective subjects in accordance with the requirements stated. In his senior year each student must also pass a comprehensive examination in the field of his major study. In case Freshman courses are taken after the student begins his Junior year or Sophomore courses are taken after he begins his Senior year, half credit only is allowed.

In the first two years the student pursues a more or less definite curriculum in the following subjects:

English,	three courses
Foreign Languages,	three courses in each of two languages
History,	two courses
Mathematics,	two courses
Science,	two courses
Elective,	three courses

Beginning with the Junior year the work is on an elective basis, providing what is deemed a proper amount of concentration in study and, at the same time, a certain distribution of subjects.

Students who expect at some time to carry out investigation in any science or scientific profession, such as medicine or engineering, are earnestly recommended to enter upon their Senior year with a reading knowledge of German and French. Class work in these subjects should have included at least four courses in German and two in French.

Attention is called to the courses leading to the A.B. in Journalism, and the A.B. in Music, and to the work outlined for Degrees with Distinction.

Certain work in the School of Law or the School of Medicine may be counted towards the degree of Bachelor of Arts. The interested student should consult the Dean of the College of Liberal Arts or the Registrar of the University.

Freshman Year

English 1	*Select two languages	Greek**
Mathematics 1-2		Latin***
History 1-2		French 3-4
		German****
		Spanish 3-4

By postponement of any one of these double courses until the Sophomore year, a double course in science (Botany 1, 2; Chemistry 1-2; Zoölogy 1, 2; Geology 1-2) may be taken in the Freshman year. See above, however, for reduction of credit in case Freshman courses are taken after the student's sixth quarter.

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* It is expected that the languages in which the student presented high school credit are to be continued here. If other languages are chosen, it is necessary to take a greater number of courses to complete the requirements in foreign languages.

** Greek 3-4 is to be taken if the equivalent of Greek 1-2 has been offered at entrance. Note that Greek through course 5 is required to complete the Sophomore requirement in this language.

*** Latin 3 and 4 are to be taken if 4 units in Latin have been offered at entrance, Latin 2 and 3 if 3 units have been offered at entrance, Latin 1 and 2 if 2 units have been offered at entrance. In the last instance Latin 3 is to be taken in the Sophomore year. Students who have offered 3 or 4 units are required to take 2 courses of college grade; those who have offered 2 units must take 3 such courses.

**** German 3-4 is to be taken if the equivalent of German 1-2 has been offered at entrance. Note that German 3-4 and an additional course (21, 22, or 25) are required to complete the Sophomore requirement in this language.

First year students may take not more than three courses in any one quarter except by special permission of the Dean.

Sophomore Year

English 3, 4, 5 (any two)

Select one:
- Botany 1, 2
- Chemistry 1-2
- Geology 1-2
- Physics 1-2
- Psychology 1-2
- Zoölogy 1, 2
- Botany 1 and Zoölogy 1

*Continue two languages:
- Greek
- Latin
- French 5
- German 21
- Spanish 5

Elective, 3 courses (see below)

†Sophomore Electives

Botany 1, 2
Chemistry 1-2
Economics A, 1-2, 5
English 4 or 5, 6, 13-14-15, 16-17-18, 20, 51, 55, 59, 60, 66
French 3-4, 5, 6
Geology 1-2
German 3-4, 21, 22, 25-26
Greek 3-4, 5, 6, 7
Government 1-2
History 3-4, 5-6, 7-8, 12, 14
Latin 3, 4, 5, 6, 10
Mathematics 3, 4, 5
Philosophy 1
Physics 1-2
Psychology 1-2
Sociology 1, 10
Spanish 3-4, 5, 6
Zoölogy 1, 2

If a course in science has been taken in the Freshman year, the Freshman course then postponed must be taken in place of the course in science required of Sophomores.

Not more than three whole courses and one half course may be taken in any one term except by special permission of the Dean. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

SYSTEM OF ELECTIVES

For the purpose of providing the necessary concentration and distribution of electives in the Junior and Senior years, the student is required to elect one major field of study. The head of this major department (or his authorized representative) then controls the student's work for both his major and minor. The student is required to pass 6 to 8 courses in his major department and 3 or 4 courses in a second (or minor) department to be specified by the adviser in his major subject.

Junior Year

A Junior shall pursue elective studies amounting to nine courses, chosen according to the following regulations:

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* See foot-notes on preceding page.

† The three elective courses must be chosen from this list and cannot be courses used by the student to meet any other requirement. Note that if only two courses in Latin are required the number of Sophomore electives becomes four instead of three.

Each student is required to elect, in each quarter, either three whole courses or two whole courses and two half courses. A student will be permitted to take not more than three whole courses and one-half course in any one quarter, except by permission of the Dean, and in no case will he be permitted to pursue more than four courses at one time, except by special permission of the Administrative Board. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

One department from among the various departments in the college must be selected for concentrated study. This is known as the *major* department. Not fewer than three courses nor more than five courses may be elected in this department in the Junior year. The courses are to be decided upon only after consultation with the head of the department. It lies within the discretion of the head of the department whether these courses shall be prescribed in his own department, or any part of them in allied departments.

The remaining courses (four to six) are free electives, subject only to the restriction that one or two courses must be chosen from a department representing the student's *minor*. This choice should be made with a view to the continuance of the same subject in Senior year (see Senior requirements).

The remaining courses, if any, shall be free electives in any courses open to Juniors.

Senior Year

A Senior shall pursue elective studies amounting to nine courses, chosen according to the following regulations:

Each student is required to elect, in each quarter, either three whole courses or two whole courses and two half courses. A student will be permitted to take not more than three whole courses and one half course in any one quarter, except by permission of the Dean, and in no case will he be permitted to pursue more than four courses at one time, except by special permission of the Administrative Board. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the droping of that course.

A Senior shall continue in the department of concentrated study begun in the Junior year, known as his *major*. Not fewer than three courses nor more than five courses may be elected in this department in the Senior year. The courses are to be decided upon only after consultation with the head of the department. It lies within the discretion of the head of the department whether these courses shall be prescribed in his own department, or any part of them in allied departments.

The remaining courses (four to six) are free electives, except that enough courses must be chosen in his *minor* department, in

which a course has already been elected in his Junior year, to complete the *minor*.

Before being eligible for a degree, a Senior must pass to the satisfaction of his major department a comprehensive examination in the subject of his major. This examination will normally be given in the winter quarter of the Senior year.

COURSE LEADING TO THE DEGREE OF A.B. IN JOURNALISM

The course of study for the first two years is the same as that required of all other candidates for the A.B. degree.

The following twelve and one-half courses are specified in the Junior and Senior years:

English 21
Economics 1-2
Government 1 and 38 (preferably in Sophomore year).
History 7-8 or 59-60
Commerce 22 or Psychology 36
Four and one-half courses in Journalism.

Five and one-half courses elective are to be chosen. The following list is suggested, but the student may make other selections provided he secures the consent of the head of the Department of Journalism.

Economics 13, 30, 40.
English 22, 23, 55, 60.
An advanced elective in one foreign language.
Physics 14, Geology 23.
Library Administration 3.
Economics A or Commerce 30.
Philosophy 2 or 3 or 10-11-12.

COURSE LEADING TO THE DEGREE OF A.B. IN MUSIC

The following courses are prescribed for the first two years:

English 1 and 2 courses from English 3, 4, 5.
Foreign Language, 6 courses (3 courses in each of two foreign languages).
History 1-2.
Music, the following courses: 1, 7, 8, 9, 10, 11, 12, 20, 21, 22.

During the Junior year Psychology 1 and 2 are required. During the Junior and Senior years 7½ courses in music are required, including Music 80, 81, and 82 unless special arrangement is made with the head of the department.

DEGREES WITH DISTINCTION

Honors of two grades, *Honors* and *Highest Honors*, will be awarded at Commencement to those candidates for the degree of Bachelor of Arts who have done distinguished work in a group of related subjects. Every candidate for Honors must register before the end of the first quarter of his Junior year with the Committee on Degrees with Distinction. He shall file a statement, properly approved, of the courses which he proposes to elect, and these electives shall be such as to show a unified plan and to provide for a field of concentrated study involving, as a rule, two departments within the division in which his major work lies. In connection with the regular courses, candidates are expected to do,

in term-time and in vacations, a considerable amount of additional reading, or such other supplementary work as may be prescribed by the department. In every case such additional work must be closely related to the general plan of study adopted by the candidate. Students will have the guidance and assistance of special instructors, and small groups will be formed for the discussion of the reading and of the courses. This tutorial assistance will be entirely independent of the conduct of the courses, the object being to stimulate interest in reading not required as a part of the regular class-work for its cultural value rather than for direct preparation for examinations.

Besides the careful organization of the plan of study and the conferences, a thesis and a final oral examination are required. The thesis need not necessarily be a contribution to knowledge, but is designed to show the ability of the student to use his knowledge with intelligence and to interpret facts and his personal reaction upon the material studied in the courses or derived from the supplementary reading. The examination will test the candidate's knowledge of the whole field of concentrated study, and will also test his proficiency in a special topic, within the general field. The aim of the entire plan of study is thus to secure, as far as possible, a conception of a field of learning as a unity; to prevent, through the various measures named above, undue emphasis on the separate courses as independent units; and to lay the foundation for right methods through concentrated study in some part of the field.

The administration of the Honors courses is vested in a Committee on Degrees with Distinction, which consists of representatives from each of the three divisional groups into which the Faculty of the College of Liberal Arts is divided. At present Honors are offered in the Division of Language and Literature and in the Department of History and Government on the terms set down below.

Requirements for Honors in Language and Literature

1. A reading knowledge of one language besides English.

2. Six courses chosen from those open to Juniors, Seniors, and Graduates. Of these, four are to be in one department, the other two may be (*a*) in another literature, or (*b*) in history, provided the courses are closely correlated with work in the major subject. But other combinations may be made, provided they show a definite plan.

3. In every case the major and minor groups constituting the six courses must show a definite relationship: *e.g.,* the study of a period, such as Romanticism in France, Germany, and England, this study including history as well as literature; or the study of a type, such as tragedy, in at least two literatures; or the study of

the influence of some writer, for example, Plato, Virgil, Dante, Shakespeare, Goethe, on some literature other than his own. Other means of securing correlation may be approved.

4. Acquaintance with the following subjects is to be gained within or outside courses regularly elected: (*a*) the history of the literature chosen for the major subject, including the principal masterpieces, illustrating its development; (*b*) some acquaintance with the political and social history of the nation whose literature is so elected; (*c*) some acquaintance with the history and philology of the language. The extent of the candidate's knowledge of these topics, as well as of the field or topic chosen for intensive study, will be tested by the examination to be held near the end of the Senior year.

5. An essay of some length is to be written upon some topic belonging to the field chosen for intensive study. This essay must show (*a*) investigation and mastery of facts; (*b*) power of interpretation; (*c*) excellence in composition and style.

6. In estimating the value of the candidate's work due regard will be paid to the grades attained by him in his regular college courses, but the matter of grades is subsidiary to other considerations, such as the extent and quality of his reading, the maturity of his thought, and his ability to use his knowledge effectively.

Requirements for Honors in History and Government

1. Students majoring in History and Government may on approval of the Department elect to "read for honors." This election must be made before the end of the first quarter of the Junior year.

2. Such students shall select one of the following fields for "reading": Ancient and Medieval History; Modern European and English History; American and Hispanic-American History; Applied Politics and Government; Political Science and the Political Philosophy. For the direction of the "reading," a committee of the Department will be appointed for each student.

3. Students reading for honors will be expected to take such seminar courses to be given by members of the Department or by visiting scholars as the Department may require.

4. From time to time the Committee shall receive reports from students on readings.

5. Students undertaking this work will be expected to submit before the end of the Senior year an essay, prepared under the guidance of the committee. While not necessarily a contribution to knowledge, the paper should show mastery of the technique of historical research.

6. Near the close of the Senior year, the student will be required to stand an oral examination in which he will be expected to

show a reasonable mastery of the field of his specialization and of such other courses as he shall have taken in the department.

7. Students who pass shall receive credit of two full courses toward graduation and at Commencement shall be given a certificate. There shall be two grades—"with honors" or "with highest honors."

THE SCHOOL OF APPLIED SCIENCE

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
JAMES MUNSIE BELL, Ph.D., *Dean.*

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OTTO STUHLMAN, JR., Ph.D., *Professor of Physics.*

REQUIREMENTS FOR ADMISSION

See pages 55-56.

EXPENSES

See page 60.

COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

In case Freshman courses are taken after the student begins his Junior year or Sophomore courses are taken after he begins his Senior year, half credit only is allowed.

In order to be recommended for the degree of Bachelor of Science in this School the student must have passed satisfactorily in all the studies required in one of the following courses outlined in this department. Each course combines instruction in certain sciences and their application to the arts, with certain other general studies deemed essential to a liberal education. These courses are designed to furnish the fundamental instruction and to prepare students to pursue the technical professions to which they lead. The courses leading to the degree are four in number, as follows:

Bachelor of Science in Chemistry.
Bachelor of Science in Medicine.
Bachelor of Science in Geology.
Bachelor of Science in Pharmacy.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

Besides the courses leading to degrees as shown above, this School offers courses preparatory to the study of medicine and of dentistry. Outlines of the courses leading to degrees and of these premedical and predental courses are given below.

BACHELOR OF SCIENCE IN CHEMISTRY

FRESHMAN YEAR

Fall Quarter: Chemistry 1, Mathematics 2, English 9a.
Winter Quarter: Chemistry 2, Mathematics 1, English 9b.
Spring Quarter: Chemistry 31, Chemistry 6, Mathematics 3, English 10.

SOPHOMORE YEAR

Fall Quarter: Chemistry 41, Chemistry 7, Mathematics 4, English 3.
Winter Quarter: Chemistry 42, Chemistry 61, Mathematics 5, Physics 1.
Spring Quarter: Chemistry 32, Chemistry 62, Physics 2, English 4.

JUNIOR YEAR

Fall Quarter: Chemistry 45, Chemistry 63, Chemistry 66, Engineering 50a.
Winter Quarter: Chemistry 46, Chemistry 81, Engineering 50b.
Spring Quarter: Chemistry 82, Chemistry 86, Engineering 50c.

SENIOR YEAR

Fall Quarter: Chemistry 21, Chemistry 11, Geology 3, Elective.
Winter Quarter: Chemistry 22, Chemistry 12, Geology 4, Elective.
Spring Quarter: Chemistry 23, 2 Elective Courses.
Suggested Electives: Chemistry 47, 64, 65, 67, 68, 83, 84, 13, 18.

BACHELOR OF SCIENCE IN MEDICINE

NOTE: Students pursuing the academic subjects listed below are hereby notified that the completion of these courses does not necessarily mean admission to our School of Medicine. From the rather long list of applicants are chosen about forty who are deemed the most promising material for admission to our School. No arrangement exists for granting the degree of S.B. in Medicine for work in any medical school other than ours.

FRESHMAN YEAR

Fall Quarter: Chemistry 1, Mathematics 2, French 3 or German 3*.
Winter Quarter: Chemistry 2, Mathematics 1, French 4 or German 4*.
Spring Quarter: Botany 1, English 1, Chemistry 31.

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* See note * on following page.

SOPHOMORE YEAR

Fall Quarter: Zoölogy 1, English 3, French 5 or German 21.*
Winter Quarter: Physics 1, English 4, Chemistry 42.
Spring Quarter: Zoölogy 2, Physics 2, French 6 or German 22.*

JUNIOR YEAR

Fall Quarter: Psychology 1, **Elective, 2 courses.
Winter Quarter: Psychology 2, Chemistry 61, **Elective, 1 course.
Spring Quarter: Chemistry 62, **Elective, 2 courses.

BACHELOR OF SCIENCE IN GEOLOGY

FRESHMAN YEAR

Fall Quarter: Geology 1, Chemistry 1, English 1.
Winter Quarter: Geology 2, Chemistry 2, Mathematics 2.
Spring Quarter: Mathematics 1, Chemistry 31, German 3 or Spanish 3 or French 3.***

SOPHOMORE YEAR

Fall Quarter: Geology 3, German 4 or Spanish 4 or French 4, Botany 1.
Winter Quarter: Geology 4, Physics 1, English 4.
Spring Quarter: Geology 29, English 3 or 5, Physics 2, Geology 27.
Summer Session: Geology 91-92 or equivalent.

NOTE: Each student is required to pass a test in place geography before beginning his Junior year.

JUNIOR YEAR

Fall Quarter: Geology 15, ****Elective, 2 courses.
Winter Quarter: Geology 16, ****Elective, 2 courses.
Spring Quarter: Geology 21 or elective, ****Elective, 2 courses.

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* If French is not offered as an entrance credit, the elementary courses must be taken in the University without credit. The same principle applies to German. Note that this curriculum requires four courses of college grade work in French or German above the elementary courses 1 and 2 or two such courses in French *and* two such courses in German. In case both French and German are taken, note that the requirements are French through course 4 *and* German through course 4. In case only one language is taken, that language must be continued through French 6 or German 22 according to the language chosen.

** Note that five full courses of electives are required in addition to the courses prescribed above, making twenty-seven full courses of college work, exclusive of any elementary courses in French or German which may be taken to make up the entrance requirement in either language.

*** If no modern foreign language was offered for entrance, the elementary courses 1 and 2 in one language must be taken in the University without credit, and these must be followed by courses 3 and 4 in the same language.

**** All electives must be chosen in conference with the instructor in charge of the student's special program of work.

SENIOR YEAR

Fall Quarter: Geology (elective), Elective, 2 courses, Seminar.
Winter Quarter: Geology (elective), Elective, 2 courses, Seminar.
Spring Quarter: Geology (elective), Elective, 2 courses, Seminar.

BACHELOR OF SCIENCE IN PHARMACY

FRESHMAN YEAR

Fall Quarter: Chemistry 1, English 1, Botany 10.
Winter Quarter: Chemistry 2, Mathematics 2, Botany 11.
Spring Quarter: Pharmacology 20, Chemistry 31, Chemistry 13, Mathematics 1.

SOPHOMORE YEAR

Fall Quarter: Pharmaceutical Chemistry 25, Pharmaceutical Chemistry 26, Chemistry 41, Physics 1.
Winter Quarter: Pharmacy 11, Pharmacy 15, Materia Medica 20, Chemistry 42.
Spring Quarter: Pharmacy 12, Pharmacy 16, Materia Medica 21, Physics 2.

JUNIOR YEAR

Fall Quarter: Pharmacy 20, Materia Medica 30, Pharmacology 32, *French 3, or German 3.
Winter Quarter: Pharmacy 21, Chemistry 61, *French 4, or German 4.
Spring Quarter: Pharmacy 28, Pharmacy 38, Chemistry 62, English 3.

SENIOR YEAR

Fall Quarter: Pharmacy 30, **Economics 1 or Psychology 1, English 4.
Winter Quarter: Pharmaceutical Chemistry 40, **Economics 2 or Psychology 2, ***Pharmacy 43 or Bacteriology or Zoölogy 1.
Spring Quarter: Pharmacy 31, Pharmacy 49, Pharmaceutical Chemistry 41, ***Pharmacy 44 or Bacteriology or Zoölogy 2.

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* If neither French nor German is offered for entrance, the elementary courses 1 and 2 in one language must be taken in the University without credit. Note that this curriculum requires French *or* German through course 4.
** The subject chosen in the fall quarter must be continued in the winter quarter.
*** The subject chosen in the winter quarter must be continued in the spring quarter.

PREMEDICAL OR PREDENTAL COURSE

(Suggested Two Year Course)

FRESHMAN YEAR

Fall Quarter: Chemistry 1, English 1, *French 3 or German 3.
Winter Quarter: Chemistry 2, Mathematics 2, French 4 or German 4.
Spring Quarter: Chemistry 31, Mathematics 1, Botany 1.

SOPHOMORE YEAR

Fall Quarter: Zoölogy 1, Psychology 1, Physics 1.
Winter Quarter: Physics 2, English 3, Chemistry 61.
Spring Quarter: Psychology 2, Zoölogy 2, Elective, 1 course.

The course outlined above is planned with the object of preparing a student in the shortest possible time to enter upon the study of medicine. It is not laid down as inflexible but is suggested to meet the requirements of Schools of Medicine which require only two years of academic work (sixty semester hours). Further work in physics and in organic chemistry should be taken in the summer following the completion of the above work if possible. Students preparing for the study of dentistry are advised to follow the course outlined above. It is recommended, however, that they secure at least the equivalent of one course in drawing. At present Schools of Dentistry vary as to entrance requirements from graduation from a high school to two years of college work. Those requiring one year of college work set as a minimum the completion of the following subjects in the amounts stated: Six semester hours in each of the following—English, general chemistry, biology (or college physics) (the latter unless 1 unit was presented for entrance), and one subject from foreign language, history, mathematics, technical drawing. The remaining six semester hours are free electives.

The course outlined below, while not so complete as the two-year course above, is planned to meet the entrance requirements of Schools of Dentistry which admit students who have had one year of college work. If the applicant has presented one full unit of credit in Physics from his high school, Physics 1 and 2 are not required but are strongly recommended in any case. In case Physics 1 and 2 are not taken the student is required to take two other courses of college grade in order to make his total credits sufficient to meet the requirement of thirty semester hours. History 1 and 2 are recommended for this purpose.

* If neither French nor German is offered for entrance the elementary courses 1 and 2 in one language must be taken in the University without credit. Note that this curriculum requires French *or* German through course 4.

ONE YEAR PREDENTAL COURSE

Fall Quarter: Botany 1, Chemistry 1, Mathematics 2.
Winter Quarter: English 1, Mathematics 1, Physics 1, Zoölogy 1.
Spring Quarter: Chemistry 2, English 3, Physics 2.

By attending the summer quarter the student may lighten somewhat the course in the winter quarter and can secure valuable work in qualitative analysis. This course of action is advisable especially if the student if obliged to take physics after he enters. Instead of the arrangement shown above the work should be taken in the following order:

Fall Quarter: Chemistry 1, English 1, Mathematics 2.
Winter Quarter: Mathematics 1, Chemistry 2, Zoölogy 1.
Spring Quarter: Botany 1, Chemistry 31, English 3.
Summer Quarter: Physics 1, Physics 2, Elective, 1 course.

NOTE: The predental student who has selected the dental school in which he desires to do his work, should apply for a catalogue of such school, note well its requirements, and conform his predental training to them.

THE SCHOOL OF ENGINEERING

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
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REQUIREMENTS FOR ADMISSION

See page 56.

EXPENSES

See page 60.

HISTORICAL SKETCH AND DESCRIPTION OF COURSES

Courses in engineering of professional grade have been given for a number of years at the University of North Carolina. Up to June, 1922, the courses in engineering were grouped in the School of Applied Science; but owing to a rapid development in engineering here, and due to the great need of well trained professional engineers, especially in the State of North Carolina, the Board of Trustees separated the Department of Engineering from the School of Applied Science and authorized the formation of a distinct school of engineering. In this school, at present, are included the Departments of Civil, Electrical, and Mechanical Engineering; the school offers a curriculum in Chemical Engineering also. With the formation of the School of Engineering ample opportunities were given to the Engineering Departments to expand along broad and cultural lines.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

The instruction offered in the School of Engineering consists of four-year courses leading to the degrees of Bachelor of Science in Chemical, Civil, Electrical, and Mechanical Engineering.

The degree of Master of Science in Engineering will be conferred on students who have satisfactorily completed approved graduate work extending over not less than one year. The course of studies leading to the Master's degree will be found under the Graduate School.

The engineering courses have been developed along broad and cultural lines and the importance of cultural training as a part of a thorough technical education has been kept constantly in mind. The importance of English in the curriculum has been emphasized and the courses are arranged so that students will receive instruction in English during three of the four years. Much attention is also given to training the young students in public speaking. This is an acquired art, and a very successful adjunct of an engineering education. Engineers must necessarily be versed in business affairs, and to meet this condition students will devote considerable time to economics and business administration and management. During the first three years, the contents of the curriculum are practically the same for all engineering students. Fundamentals in mathematics, mechanics, and other sciences are contained in these first three years while the application of these fundamentals are illustrated throughout the course by the solution of a number of practical problems in engineering.

The intimate contact of engineering students with the academic students and the participation of the former in all University activities is regarded as a valuable part of their general training, the making of a broad, cultural, all-around manhood.

CO-OPERATIVE ENGINEERING EDUCATION

For the past twenty years or more a great amount of time and thought has been devoted to engineering by engineering teachers and the profession at large with the idea in mind of adopting some method in engineering education which would develop the observation and initiative of the students and bring them in touch with outside things during their theoretical training. Criticism has often been directed by practising engineers against young engineering graduates that they did not have any grasp or conception of practical things after four or five years of theoretical training.

In order to meet this criticism the University of Cincinnati installed in the fall of 1906 a method of engineering education which is called coöperative education. Under this plan the students spend half of their time at the University receiving their theoretical training and the other half with engineering industrial firms thus getting some practical training during their collegiate period. This

system of education has proven quite successful and has been adopted by a number of prominent institutions among which are Massachusetts Institute of Technology, the University of Pittsburgh, and New York University. The method of coöperation has been modified by several of the institutions that have adopted this system; for example, a plan has been arranged whereby only the junior class coöperates with the outside industries. This modified plan permits the students to get that touch with outside practice, but does not destroy the social and cultural contact which the students derive from full time association on the University campus during the freshman, sophomore, and senior years.

Realizing that the coöperative system of training young engineers is a distinct step forward, the Engineering School at the University of North Carolina adopted this plan of education in September, 1922.

Under this plan the students of the junior class are divided into two groups designated as Sections I and II. The students in each group spend half their time at the University and the other half in actual engineering work. Each student has an alternate so that when a student of Section I is at school his alternate in Section II is on the job. At definite intervals the student from Section II goes to school while his alternate in Section I takes his place on the job. This alternation continues throughout the junior year up to the latter part of September. Both sections attend the University full time during their senior year.

In order to compensate for the time that the students are away from school during their junior year, the Sophomores are given a summer course lasting eight weeks, so that under the new coöperative plan the students receive the same amount of school work as under the regular four-year plan. The students receive pay for their services during the time that they are on their outside work, thus enabling them partially to defray their expenses during their junior year.

In case Freshman courses are taken after a student begins his junior year or Sophomore courses are taken after he begins his senior year, half credit only is allowed.

S.B. IN ELECTRICAL ENGINEERING

Freshman Year

Mathematics 1E, 2E, 3E; Chemistry 1E, 2E; English 9ab; English 10; History 2E; Engineering 1, Engineering 3.

Sophomore Year

Mathematics 4E, 5E, 6E; Physics 1E, 2E, 3E; Economics 1E, 2E, 3E; Engineering 2a, Engineering 4, Engineering 22c, Engineering 62bc.

Sophomore Summer Term—Eight Weeks

Engineering 62s.

Coöperative Junior Year

English 11; Engineering 5, Engineering 32, Engineering 63, Engineering 73, Engineering 90.

Senior Year

English 12; Business Administration 10E, 11E, 12E; Engineering 64, Engineering 74, Engineering 75, Engineering 84, Engineering 85, Engineering 86.

S.B. IN CIVIL ENGINEERING

Freshman Year

Mathematics 1E, 2E, 3E; Chemistry 1E, 2E; English 9ab; English 10; History 2E; Engineering 1, Engineering 3.

Sophomore Year

Mathematics 4E, 5E, 6E; Physics 1E, 2E, 3E; Engineering 2c, Engineering 4, Engineering 6bc, Engineering 22a; Economics 1E, 2E, 3E.

Sophomore Summer Term—Eight Weeks in Camp

Engineering 23s.

Coöperative Junior Year

English 11; Engineering 5, Engineering 12ab, Engineering 32, Engineering 60, Engineering 90.

Senior Year

English 12; Business Administration 10E, 11E, 12E; Geology 18, 19, 20; Engineering 14, Engineering 24, Engineering 34, Engineering 44, Engineering 15-25-35-45.

S.B. IN MECHANICAL ENGINEERING

Freshman Year

Mathematics 1E, 2E, 3E; Chemistry 1E, 2E; English 9ab, English 10; History 2E; Engineering 1.

Sophomore Year

Mathematics 4E, 5E, 6E; Physics 1E, 2E, 3E; Economics 1E, 2E, 3E; Engineering 2a, Engineering 4c, Engineering 6bc, Engineering 22c.

Sophomore Summer Term—Eight Weeks

Engineering 91s.

Coöperative Junior Year

English 11; Engineering 5, Engineering 32, Engineering 60, Engineering 92c, Engineering 93.

Senior Year

English 12; Business Administration 10E, 11E, 12E; Engineering 91, Engineering 94ab, Engineering 95c, Engineering 99.

Senior Year—Aeronautical Option

English 12; Business Administration 10E, 11E, 12E; Engineering 91, Engineering 96a, Engineering 97bc, Engineering 98bc, Engineering 99.

S.B. IN CHEMICAL ENGINEERING

Freshman Year

Mathematics 1E, 2E, 3E; Chemistry 1-2, Chemistry 31; English 9ab; English 10; Engineering 1, Engineering 3.

Sophomore Year

Mathematics 4E, 5E, 6E; Physics 1E, 2E, 3E; Economics 1E, 2E, 3E; Engineering 4; Chemistry 41, 42; Chemical Engineering 2.

Sophomore Summer Session

Chemistry 45, Chemistry 61 (First term), Chemistry 62 (Second term).

Junior Year

Chemistry 81, 82; Chemical Engineering 1, Chemical Engineering 3; Engineering 6ab, Engineering 50, Engineering 90.

Junior Summer Term—Coöperative
Senior Year

Chemistry 11, 12, Chemistry 21, 22, 23; Chemical Engineering 6, Chemical Engineering 7; Geology 3-4; Business Administration 10E, 11E, 12E.

THE SCHOOL OF EDUCATION

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
NATHAN WILSON WALKER, A.B., Ed.M., *Acting Dean.*
CHARLES EUGENE MCINTOSH, A.B., *Executive Secretary.*
MARION REX TRABUE, Ph.D., *Director of the Bureau of Educational Research.*

*THE ADMINISTRATIVE BOARD

MARCUS CICERO STEPHENS NOBLE, Pd.D., *Professor of Pedagogy.*
EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education.*
MARION REX TRABUE, Ph.D., *Professor of Educational Administration.*
ARTHUR MELVILLE JORDAN, Ph.D., *Professor of Educational Psychology.*
ESEK RAY MOSHER, Ed.D., *Professor of Education and Director of Training.*
ROBERT DIGGS WIMBERLY CONNOR, Ph.B., *Kenan Professor of History and Government.*
HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*
**LOUIS ROUND WILSON, Ph.D., *Kenan Professor of Library Administration and Librarian.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*

REQUIREMENTS FOR ADMISSION

See pages 56-57.

EXPENSES

See page 60.

PURPOSES

The primary purpose of the School of Education is to prepare young men and young women for the more responsible teaching positions, principalships, and superintendencies. Adequate preparation for such positions is required by statutory provision in all progressive American states. Every state is now spending vast sums of money for the education of the youth of the land. It is one of the primary functions, therefore, of the School of Education in a state university to fit prospective teachers and educational workers for their careers by developing in them the knowledge, attitudes, ideals, and skills necessary for successful teaching and administration.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
** Absent on leave, winter and spring quarters, 1930.

FREE TUITION

By an act of the General Assembly of 1887, free tuition is given to teachers in the schools of North Carolina and to prospective teachers who are residents of the State. In order to secure free tuition, the student applying for the privilege must sign an agreement to teach in North Carolina for at least two years within a period of three years after leaving the University.

Only undergraduates in the School of Education regularly enrolled as candidates for the degree of Bachelor of Arts in Education are eligible for the privilege of free tuition as intending teachers.

This provision for free tuition is administered through the School of Education, and students availing themselves of the opportunity it affords are required to register in this school.

Teachers, who have been teaching in the schools of North Carolina for two years or more and are now actively in service, who come to the University for further training as bone fide teachers are not required to sign the usual teachers' notes, but are given Teachers' Free Tuition Tickets.

All applications for the free tuition privilege for teachers must be made through the Dean of the School of Education and must be approved before the privilege will be granted. This must be attended to before registration.

Each student accepting the teacher's free tuition privilege must complete in the School of Education the number of professional courses required by the State Department of Education for that grade of certificate to which his academic standing would entitle him. The grades of certificates issued and the academic and professional requirements for each are as follows:

Class of Certificate	College Courses	Professional Courses
A	36 (including)	6
B	27 (including)	4

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

The requirements for the degree of Bachelor of Arts in Education are set forth below. Two curricula, both leading to the degree, are offered—the one is designed for the preparation of teachers for the secondary schools, and the other, for the preparation of teachers for the primary and grammar grades.

In case Freshman courses are taken after the student begins his Junior year or Sophomore courses are taken after he begins his Senior year, half credit only is allowed.

CURRICULUM FOR HIGH SCHOOL TEACHERS

Freshman and Sophomore Years (18 Courses)

The work of the first two years of this curriculum is similar in character to that of the first two years in the better colleges of arts and sciences. The requirements are in brief as follows:

English, 4 courses. English 1, 3, 4, 5, or 1a, 1, and two others from this group will satisfy this requirement.

History, 2 courses. History 1-2, or a year's work in American or European History will satisfy this requirement.

Foreign Language, 3 courses. (Preferably Latin or French.) Three courses in one language beyond the introductory courses (1-2) must be offered to satisfy this requirement.

Option: If the student prefers to do so, he may offer 6 courses of Foreign Language, instead of 3, in which case the requirement in Mathematics and Natural Science (see below) may be reduced to 2 courses. Six courses in one of the preferred languages beyond the introductory courses, or 3 courses in either of them beyond the introductory courses and 3 courses in a second language beyond the introductory courses will satisfy the requirements of this option.

Mathematics and Natural Science, 4 courses. This requirement may be satisfied by any 2 of the following groups: (a) Mathematics 1-2, (b) Physics 1-2, (c) Chemistry 1-2, (d) Geology 1-2, (e) Botany 1-2, (f) Zoölogy 1-2, (g) Botany 1 and Zoölogy 1.

Option: In case the student elects to offer 6 courses in Foreign Language (see under Foreign Language above), the requirement in Mathematics and Natural Science may then be reduced to 2 courses. In that case any one of the foregoing groups (2 courses) will satisfy the requirements of this option.

Education, 2 courses. Education 1 and 5 (or the equivalent) will satisfy this requirement.

Elective. Additional courses, subject to the approval of the Dean, must be offered to make a total of 18 courses.

Junior and Senior Years (18 Courses)

In the Junior and Senior years the candidate continues his studies in two academic branches, designated as an academic major and an academic minor, and he also completes the remaining professional work required.

Those preparing for high school teaching are advised to make their choice of academic majors and minors from the combinations of teaching fields proposed by the North Carolina State Department of Education. These combinations are as follows: (a) English and Latin, (b) English and French, (c) Natural Science and Mathematics, (d) History and one other field.

When once the combination of teaching fields has been chosen, the candidate's program of work is then to be directed by an advisory committee of three—composed of the heads of the two departments in the Training School, whose fields he has chosen for his academic major and his academic minor, and the Dean of the School of Education. There are at present six departments in the Training School which are organized for directed teaching as required in the curriculum designed for the preparation of high school teachers. These are the departments of English, Latin, French, history, mathematics, and natural science. The requirements in the corresponding academic departments of the University for the academic major and the academic minor are briefly as follows:

English: 1, 3, 4, 5 (or the equivalent) and additional courses to be approved by the head of the Department of English in the Training School:

For an Academic Major ..... 6 courses
For an Academic Minor ..... 4 courses

Latin: 1, 2, 3, 4 (or the equivalent) and additional courses to be approved by the head of the Department of Latin in the Training School:

For an Academic Major ..... 6 courses
For an Academic Minor ..... 4 courses

French: 3, 4, 5 (or the equivalent) and additional courses to be approved by the head of the Department of French in the Training School:

For an Academic Major ..... 6 courses
For an Academic Minor ..... 4 courses

History (and Other Social Science): 1-2 (or the equivalent) and additional courses in History, Government, Economics, and Geography to be approved by the head of the Department of History in the Training School:

For an Academic Major .....10 courses
(Including Government, Economics, and Geography)
For an Academic Minor ..... 6 courses
(Including Government and Economics)

Mathematics: 1-2 (or the equivalent) and additional courses to be approved by the head of the Department of Mathematics in the Training School:

For an Academic Major ..... 5 courses
For an Academic Minor ..... 3 courses

Natural Science: Mathematics 1-2 (or equivalent) and 2 courses in Natural Science (see Freshman-Sophomore requirements in Mathematics and Natural Science) and additional courses to be approved by the head of the Department of Natural Science in the Training School. The program for either the major or the minor must include Biology, Chemistry, Physics, and Geography.

For an Academic Major ..... 8 courses
For an Academic Minor ..... 6 courses

Professional Requirements

The professional requirements for the Junior and Senior years (in addition to Education 1 and 5 required in the Sophomore year) are as follows: Education 20, 51, 52, and two courses in the Materials and Methods of Instruction and two courses in Directed Teaching in the two academic fields in which the candidate chooses to qualify as a high school teacher, or two elective courses in Education to be approved by the Dean.

If additional courses are necessary in order to complete the minimum of 36 courses required for the degree, the courses offered for this purpose must be approved by the Dean of the School of Education before they will be accepted for graduation.

*CURRICULUM FOR ELEMENTARY TEACHERS

Education (9 Courses).

Introduction to Education, (Education 5); Sophomore year..... 1 course
Materials and Methods, (Educ. 82-83-84); Junior year..... 3 courses
Psychology of Elementary School Subjects, (Educ. 63);
Senior year ..... 1 course
Directed Teaching (Educ. 85-86); Senior year..... 2 courses
A minimum of two courses to be elected by the student and approved by his adviser in junior and senior years: (A course in the philosophy of education is suggested)..... 2 courses

English (6 Courses).

A minimum of English 1, 3, 4, (or 5)..... 3 courses
1 course in American Literature ..... 1 course
1 course in children's literature (Library Science 4)..... 1 course
1 course in reading and speech ..... 1 course

* Students from approved Normal Schools, Teachers Colleges, and standard Colleges of Arts and Sciences who enter the School of Education with Junior standing may find that their credits do not correspond with the requirements of the Freshman and Sophomore years of this curriculum. In such cases liberal substitutions will be made by the committee appointed to direct the remainder of the student's program.

Fine Arts in Elementary Education (3 Courses).
Courses to develop desirable attitudes, appreciation, and knowledge from which it is hoped will come the power of æsthetic expression.
Music ..... 1 course
Drawing and Art ..... 1 course
Dancing, Pageantry, Plays and Games ..... 1 course

Natural Sciences (3 Courses).
An orientation course in general science, (General Science 1-2) .. 2 courses
Principles of Geography ..... 1 course

Practical Arts in Elementary Education (2 Courses).
The materials, production, design, and evolution of food, clothing, house materials, and furnishings; utensils, tools, machines, and records as well as the effective selection, care and use of them ..... 2 courses

Social Sciences (4 Courses).
American History ..... 1 course
European History ..... 1 course
Educational Sociology ..... 1 course
Problems of Citizenship (Including North Carolina History) .... 1 course

Academic Major (8 Courses) and *Academic Minor* (4 Courses).
An academic major and an academic minor must be selected by the student in consultation with his adviser at the beginning of the junior year. The academic major may be taken in any academic department in which a student in the College of Arts is permitted to complete a major. At least 8 courses are required for an academic major and at least 4 courses for an academic minor. The courses taken in the major and minor fields prior to the junior year may be counted toward meeting the requirements for the major and the minor, provided that not more than 4 such courses shall apply on the academic major.
Elective courses to complete a minimum of 36 courses required for the degree.

Suggested Sequence of Courses

FRESHMAN YEAR

First Quarter	*Second Quarter*	*Third Quarter*
English 1	European History	American History
*General Science 1	*General Science 2	*Principles of Geography
Elective	Elective	Elective

SOPHOMORE YEAR

English 3	English 4 or 5	Education 5
*Practical Arts	*Practical Arts	*Problems of Citizenship
Elective	Elective	English 59 or 60

JUNIOR YEAR

Materials and Methods (Reading and study Habits)	Materials and Methods (Content Subjects)	Materials and Methods (Language and Arithmetic)
Music	Educational Sociology	*Plays and Games
Elective	*Drawing and Arts	Elective

* At present this course is offered in the summer quarter only.

SENIOR YEAR

Psychology of Elementary Education	Directed Teaching	Directed Teaching
Children's Literature	Reading and Speech	Elective
Elective	Elective	Elective

TRAINING SCHOOL

The University's training school has been made possible through the generosity of the General Education Board of New York. In May, 1926, this Board granted the University an appropriation of $75,000 for a five-year period for the purpose of enabling the School of Education to improve its facilities for the training of high school teachers. The School of Education officials immediately entered into an agreement with the Chapel Hill School Board to make use of the local public high school as the training school for the School of Education. Under this arrangement six departments in the Chapel Hill High School are to be used for purposes of observation, demonstration, and directed teaching. These are the departments of English, mathematics, French, Latin, history, and natural science.

At the head of each of these departments is a member of the School of Education staff assigned to regular teaching duties in the high school, who conducts in the School of Education courses in the materials and methods of instruction in his particular subject, and who also has charge of the "directed teaching" of students who are preparing themselves for teaching his subject. A Director of Training, who is also a member of the School of Education staff, has general supervision over the work of the training school.

In 1927, another agreement was made with the local school officials that enables the School of Education to make use of the elementary grades of the local public school for the training of Primary and Grammar grade teachers. Thus the development and improvement of the local public school, from the first grade through the high school, has become a coöperative project of the Chapel Hill community and the University.

GRADUATE WORK IN EDUCATION: HIGHER DEGREES

The School of Education is prepared to offer a fairly wide range of graduate work as will be seen from the list of courses announced under the Department of Education. See pages ???-???. Graduate students in Education working for advanced degrees, Master of Arts, Master of Science, and Doctor of Philosophy, register in the Graduate School of the University.

LIBRARY FACILITIES

In addition to the library facilities afforded by the General Library, the School of Education has its own departmental library

of over two thousand bound volumes and several thousand pamphlets, periodicals, and school reports. Here are to be found most of the more important recent books on education printed in English, all the more important educational journals and periodicals, to which the library is a regular subscriber, and a large collection of State and city school reports. The library is in charge of a trained librarian.

EXTENSION AND CORRESPONDENCE

Attention is called to the work in extension and correspondence courses listed elsewhere in this catalogue. In addition to the regular members of the University Faculty the following full-time instructors offer work in the Extension Division:

WILLIAM JOHN MCKEE, M.A., *Professor of Education.*
ROY WILLIAMSON MORRISON, Ph.D., *Associate Professor of Education.*
BENJAMIN ALONZO STEVENS, M.A., *Associate Professor of Education.*
CECILIA HATRICK BASON, M.A., *Assistant Professor of Education.*
ERNEST HENRY HICKS, M.A., *Instructor in Education.*
LINDA SHUFORD MCINTOSH, A.M., *Instructor in Education.*

BUREAU OF EDUCATIONAL RESEARCH

The Bureau of Educational Research was organized in the School of Education on July 1, 1923, for the purpose of conducting and encouraging scientific research in the public schools of the State of North Carolina. This Bureau serves as a clearing-house for exact information about educational conditions in the State, collects and assembles the results of investigations conducted by other agencies dealing with social work, and carries on independent studies of a scientific nature. Standard scales and tests for measuring the work of the schools may be purchased at cost through the Bureau.

The staff of the Bureau is at present composed of the professors in the School of Education and one statistical assistant. The Bureau is equipped to conduct surveys of any phase of school efficiency, and its services are given without charge to public schools in the State. Schools in other states will be charged a reasonable price for services rendered. Correspondence regarding investigations should be addressed to Dr. M. R. Trabue, Director of the Bureau of Educational Research.

TEACHERS' BUREAU

The School of Education conducts a teachers' bureau which is at the service of teachers and school officials without any cost to them whatsoever. The annual registration of teachers runs from 300 to 500, most of whom register with it during the Summer School.

Correspondence from teachers regarding vacancies in the schools and from school officials regarding available teachers should be addressed to Mr. I. C. Griffin, Secretary of the Teachers Bureau.

THE HIGH SCHOOL JOURNAL

The *High School Journal* is published eight times a year by the School of Education. All the professors in the school contribute to its columns, as do other members of the University faculty. The subscription price is $1.50 a year. The Editorial Board is composed of professors in the School of Education.

ORANGE COUNTY SCHOOLS

The School of Education coöperates with the Orange County school officials in the administration and supervision of the public schools of the county. This phase of our work is conducted by Dr. E. W. Knight, who meets regularly with the county board of education to give such expert advice and assistance as the board may need or desire. Professor Knight also serves without pay from the county as Assistant County Superintendent of Schools.

EDUCATIONAL INFORMATION AND ASSISTANCE

The members of the School of Education, by virtue of their close contact with the schools of the State, their wide acquaintance with school officials, and their practical and theoretical knowledge of the State's school problems, are obliged to carry on constantly a rather considerable correspondence. Every year they are called upon by school officials and teachers to answer hundreds of letters of inquiry relating to every conceivable phase of educational administration and school procedure. There is no charge whatsoever for this service.

THE SCHOOL OF COMMERCE

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
DUDLEY DEWITT CARROLL, M.A., *Dean.*
CLAUDIUS TEMPLE MURCHISON, Ph.D., *Director of Research.*

*THE ADMINISTRATIVE BOARD

CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*
***STURGIS ELLENO LEAVITT, Ph.D., *Professor of Spanish.*
**ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*
FRANK PORTER GRAHAM, M.A., *Professor of History.*
ERLE EWART PEACOCK, A.B., M.B.A., C.P.A., *Professor of Accounting.*
WILLIAM FLINT THRALL, Ph.D., *Professor of English.*
***JOHN BROOKS WOOSLEY, M.A., *Associate Professor of Economics.*
***CORYDON PERRY SPRUILL, A.B., B.Litt., *Associate Professor of Economics.*
GEORGE HOWE, Ph.D., *Professor of Latin.*
MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law.*

GENERAL STATEMENT

Though courses of instruction in Economics and in certain business subjects have been offered for many years in the University of North Carolina, not until 1919 was there established a comprehensive, well-organized business curriculum. In that year, the Legislature, in conformity with the recommendations of the President and the Board of Trustees, enacted the legislation which resulted in the immediate organization of the School of Commerce. The School occupies a place in the University organization which is coördinate in standing and equipment with the College of Liberal Arts and the School of Applied Science.

The undergraduate course of study, leading to the degree of Bachelor of Science in Commerce, covers a period of four years and is designed to give a foundation of broad and general culture, and, at the same time, supply a definite and practical training to those who intend to engage in any of the great lines of industrial and commercial activity. For those desiring more intensive specialization, the School of Commerce offers graduate courses leading to the degree of Master of Science in Commerce.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
** Absent on leave on the Kenan Foundation, spring quarter, 1930.
*** Absent on leave, 1929-1930.

AIM AND PURPOSE

The phenomenal industrial growth of the South in recent years has produced an imperative need for trained business men. The School of Commerce in a large sense is the expression of the University's desire to serve this special need of its own particular section. To this end substantial support has been accorded the School by both the University and the State as a whole. In consequence the School has been provided with a large and able corps of instructors, with spacious quarters in Bingham Hall, recently completed, and with thoroughly modern teaching facilities.

It is the purpose of the School of Commerce to provide its students with as thorough and scientific business training as it is possible to give within the range of the subjects which it attempts to cover. Its teaching policy assumes that such training should consist not only of the requisite understanding of the principles and methodology which govern the organization and administration of typical business enterprises, but in addition an understanding of the problems and the larger relationships of the economic organization as a whole. In his attempt to master the technical and the vocational aspects of business, the student will not be permitted to lose sight of the social and cultural.

The School of Commerce has also accepted as an important guiding principle the advisability of giving prominent place to the dynamic elements in the business world. Specialization, standardization, and the ever-increasing magnitude of the business unit, though the order of the day and the sure manifestation of industrial progress, yet have served greatly to strengthen the forces of economic change.

In internal administration the pressure of readjustment bears continually upon every technological process, upon departmental relationships, financial procedure, and personnel management. Outside forces produce a constant flux of prices, wages, profits, and industrial relations. Hence the modern executive has for his most persistent and exacting duty the necessity of unceasing readjustment and modification of almost all aspects of his business. It is in relation to such problems, as these changes may produce, that the highest order of business judgment must be displayed.

TEACHING POLICY

Wherever possible, the plan is followed of presenting the subject-matter of the various courses from the point of view of the executive, always bearing in mind that the executive's field of interest includes the broad outside relationship as well as the internal administration of his business. Adherence to this common point of view prevents confusion in the mind of the student, and enables

him to place the problems and practices of business in their true perspective.

Within the short space of time at his disposal, it is impossible for the student to investigate in detail the entire field of business. It is therefore the policy of the School of Commerce to supplement the general survey which is required of every student with a more intensive study of that portion of the field which is of especial interest to him. To this end there have been prepared for the student certain groupings of closely related courses. The groupings have been made in such a way as to correspond to certain major functions which must be performed in the successful administration of a business enterprise.

These functions may be designated as follows: (1) The administration of production; (2) the management of finance; (3) marketing and selling; (4) management of personnel; (5) the avoidance or distribution of risk; (6) dealing with problems of transportation; (7) conforming with legal requirements; (8) handling the problem of accounting.

In addition to these groups, which have been constructed to conform with the major business functions, certain others have also been provided. The first of these offers special study in the field of foreign trade. It is so devised as to be of value not only to those intending to engage in some branch of export or import trade, but also to be of material aid to those looking forward to careers in connection with the consular service.

SCOPE OF SPECIALIZATION

Specialization in the manner here indicated, however, does not begin until the senior year, except in the accounting and marketing groups. The School of Commerce accepts the principle that a broad and thorough training in fundamentals, as well as some maturity of mind, should precede any high degree of specialization. Whether the educational process be viewed as a training of the mental faculties, or as the acquisition of a fund of knowledge, it is equally imperative that the materials of study be definite and compact. Arrangement and treatment must be so designed as to assure results which are cumulative and which have continuity of direction.

To this end the undergraduate curriculum of the School of Commerce is arranged in logical sequence, with the same requirements imposed upon virtually all candidates for degrees until the senior year is reached. During his freshman and sophomore years the student is required to follow a path of study which closely parallels the liberal arts course. The first year's work includes English composition, mathematics, history, economic geography, and a modern

language. In the second year are courses in general economics, industrial history, English and American literature, a natural science, and a continuance of the chosen modern language.

In his junior year the student devotes most of his time to required courses in economics, commerce, psychology, and government which include money and banking, business organization, accounting, economic statistics, general psychology, and American federal government.

In the senior year specialization begins through the election by the student of his preferred group of courses from the list outlined above. It is to be noted that the freedom to elect does not apply to courses regarded singly, but only to courses as they are arranged in more or less standardized groups. Having chosen a given group, the student is expected to satisfy its requirements in full unless a substitute program has been submitted to and approved by the Administrative Board of the School.

In all of the groups two courses in business law are required, and one course on the relationship between government and business. A fourth requirement common to all groups is a choice either of the course in Theories of Economic Reform, or of the course in Labor Problems. This leaves in each group from five to six courses which constitute the subject matter of specialization.

IMPORTANCE OF GRADUATE STUDY

From the preceding survey of the undergraduate curriculum, it is apparent that those students who are desirous of securing the benefits of thorough specialized training and intensive research work, should continue in the University for at least one year of graduate study.

The Administrative Board of the School strongly urges the advisability of such an additional year for the superior student. Equipped with his undergraduate training, unburdened of the formal routine of courses which have been preparatory in nature, the graduate student is free to concentrate his full powers upon the subject of his choice. His attitude changes from one of receptivity and acquiescence to one of active inquiry and initiative. He is charged with the responsibility of finding new materials, new arrays of facts, and of subjecting them to his own independent analysis, to the end that new relationships may be discovered or new evaluations made. His initiative, his analytical and creative powers, his quality of persistence, are tested and developed to a degree impossible of attainment in the undergraduate years.

The School of Commerce is prepared to offer graduate instruction and facilities for graduate research activities in the fields indicated by the senior study groups. Courses have been developed

exclusively for graduate students. They are designed primarily for the encouragement and guidance of research activity, and in consequence are conducted informally and on a basis of close personal contact between professor and student.

GRADUATE DEGREES

The School of Commerce offers the graduate degree of Master of Science in Commerce. Candidacy for this degree is conditioned upon the holding of an S.B. in Commerce degree from this institution or from another institution of approved standing where the work required in commerce is of substantially the same nature and volume. Graduates of other institutions who hold the A.B. degree are advised to register as candidates for the Master of Arts degree, majoring in Economics. In this way a limited number of commerce courses may be secured for graduate credit; or, if the student desires, by prolonging the period of residence, the undergraduate deficiencies may be removed, leaving the path clear for the degree of Master of Science in Commerce.

The Department of Economics offers the degree of Doctor of Philosophy. In conjunction with the Departments of History, Sociology, and Rural Social Economics, it also offers the degree of Doctor of Philosophy in Social Science. (For the general rules and regulations governing the candidates for these degrees see catalogue of the Graduate School.)

Graduates of other institutions desiring to enter the School of Commerce as candidates for higher degrees should submit their records together with application for entrance to the Dean of the Graduate School.

The conferring of the degree of Master of Science in Commerce assumes as a minimum the completion of nine full courses or their equivalent as approved by the Dean, a residence period of at least one year, and the completion of a thesis which embodies the results of original research work on the part of the student. (For further details see the catalogue of the Graduate School.)

SPECIAL STUDENTS

There are many young people already in business who feel the need of additional special training but who are unable to spend the full four years at the University, or who cannot provide proper entrance credits. Recognizing this the School of Commerce will admit students of twenty-one years of age or over, who cannot fulfill the entrance requirements, as special students, but not as candidates for degrees. Such students must supply satisfactory evidence of their ability to profit from the courses and *will be admitted only on probation.* A personal interview with the Dean is recommended in connection with the application for admission.

LIBRARY FACILITIES

In addition to the facilities afforded by the General Library of the University, the School of Commerce is equipped with its own special library in Bingham Hall. In the latter are contained a large number of economic and business publications of recent years which may be of value to the student. An appropriation of $2,000 annually assures that the collection will be well-maintained and kept up-to-date.

Especially noteworthy is the collection of periodical publications. Most of the important periodicals in the general field of business and finance are regularly received. In addition, the School of Commerce is a regular subscriber to over fifty trade journals, and to the statistical services of Brookmire, Gibson, the Babson Institute, and the Standard Statistics Company. The Harvard and Cambridge Economic Surveys are also provided.

A full time librarian is in charge and is prepared to aid students in the collection of such materials for research work as may not be currently available in the University. Special library privileges are accorded graduate students who have access to the stack rooms and private desk space.

LECTURES AND OBSERVATION TRIPS

Students are expected to take advantage of the frequent opportunities to hear lectures offered by prominent business men who are invited to the University for this purpose. These lectures will prove of great value to the student in furthering his acquaintance with the practical aspects of business.

From time to time the classes in business subjects make visits to neighboring factories and other types of business institutions for the purpose of making first-hand studies of organizations and administrative methods.

APPRENTICESHIPS

During the summer, between the Junior and Senior years, each student will be expected to spend his time working in an establishment in the line of business for which he is preparing. This may begin in the summer following the Sophomore year. An effort will be made to assist students in securing such opportunities for the summer. However, the School must not be regarded as an employment agency, as one of the most valuable experiences in training for business comes from locating opportunities for one's self. The University itself, in its business aspects, will be used as a working laboratory. Wherever possible each student before graduation will be required to make a careful analysis of a going concern in the field of his practical interest.

STENOGRAPHY

No credit toward the degree is given for stenography but every student is urged to acquire facility in the use of it before graduation. Instruction in this subject is not offered by the University but can be secured in Chapel Hill in a private school.

ECONOMICS CLUB AND FRATERNITIES

The Economics Club is an organization of advanced students and faculty members formed for the purpose of studying and discussing practical current economic and business problems and tendencies. Meetings are held every two weeks on Monday evenings. Members are elected on the basis of demonstrated interest in the purposes of the Club and ability to contribute to its discussions.

Two national commerce fraternities have chapters in the University: Alpha Kappa Psi and Delta Sigma Pi. These fraternities are professional in character and perform valuable services in the preparation of students for a business career. Membership includes both students and faculty.

STANDARDS OF WORK

The School has been admitted to membership in the American Association of Collegiate Schools of Business. This is an organization formed for the promotion of thorough-going, scientific training for the business profession. It maintains high standards of membership based on the number and training of the faculty, the thoroughness of the work, the length and breadth of the curriculum, the number of students, the financial backing of the school, and the facilities for carrying on the work.

STUDENT HABITS

Training for business, if it is to be worthy of the name, should include at least two elements: first, an understanding of the principles and processes of business; and second, the practice of habits of work essential to business success. Observation appears to justify the conclusion that promptness, industry, systematic application, and honest performance are quite as vital to mastery in the business world as an understanding of the nature of industrial and commercial phenomena. It is wasteful, then, to allow students to proceed far in this field if they are unwilling to fashion their habits in conformity with these essential requirements. The policy of the School will be to drop from its rolls any student who fails to respond to the above standards.

REQUIREMENTS FOR ADMISSION

See page 57.

EXPENSES

See page 60.

COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN COMMERCE

The degree of Bachelor of Science in Commerce will be conferred upon students who satisfy the entrance requirements and complete the four-year course as outlined below, consisting of not less than thirty-seven courses.

In case Freshman courses are taken after the student begin his junior year or Sophomore courses are taken after he begins his senior year, half credit only is allowed.

The work in the Freshman and Sophomore years is the same in all the courses of study, unless otherwise indicated, and is as follows:

Freshman Year

English 1
Mathematics 1-2
History 1-2
Geology 5
Economics A
French 3-4, or
Spanish 3-4, or
German 3-4

Sophomore Year

English 3, 4, 5 (Select two)
Economics 1-2
Economics 5
French 5, 9, or
Spanish 5, 9, or
German 21, 22
Zoölogy 1-2, or
Botany 1-2, or
Chemistry 1-2, or
Physics 1-2, or
Geology 1-2

In order that the Junior and Senior subjects may be chosen in such a way as to constitute a coherent and comprehensive whole, rather than an unrelated and scattered series, the following programs have been devised. Each student is expected to elect at the beginning of his Junior year the group which best serves his needs and to adhere to it. However, students whose interests do not coincide with any of the following groups are invited to submit an alternative program for the approval of the Administrative Board of the School.

I. FACTORY ORGANIZATION AND ADMINISTRATION

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 5, 11, 12, 14, 60-61, 62, Economics 30 or 40, English—elective to be approved by Dean,* select one course from the following: Government 2, 36, or 38, or Economics 13, or Philosophy 2, 3, or 6.

II. BANKING AND FINANCE

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 12, 36, 60-61, 62, Economics 12, 30 (or 40), Commerce 31 (or Economics 35), English—elective to be approved by the Dean,* select one from the following: Economics 13, Government 2, 36 or 38, Philosophy 2, 3, or 6.

III. RETAIL MERCHANDISING

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, 24.

Senior Year

Commerce 20 (or 22), 23, 60-61, 62, Economics 12, 30 (or 40), English—elective to be approved by the Dean*, Government 1, select one course from the following: Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

IV. ADVERTISING AND SALESMANSHIP

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 20, 21 (or 26), 22, 60-61, 62, Economics 24 (or 12), 30 (or 40), Psychology 36, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

V. PERSONNEL MANAGEMENT

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 11, 14, 60-61, 62, Economics 30, 40, Psychology 35 or Sociology 1, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

VI. RISK-BEARING AND INSURANCE

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

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* English 1a, if it was taken in the Freshman year, may be substituted for this English elective.

Senior Year

Economics 20, 40, Commerce 36, 38, 39, 60-61, 62, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

VII. TRANSPORTATION AND SHIPPING

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Economics 15, 24, 40, Commerce 11, 50, 51, 60-61, 62, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

VIII. BUSINESS LAW

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 12, 36, 62, Economics 13, 40, English—elective to be approved by the Dean,* Government 38, select three from the following: Commerce 39, Economics 14, 15, 20, 24, 30, 54, Government 2, Philosophy 10-11-12.

IX. ACCOUNTANCY

Junior Year

Commerce 1-2, 3, 10, Economics 7, 10, 11, Psychology 1-2.

Senior Year

Commerce 4, 5, 6, 12, 60-61, 62, Economics 40, Government 1, 38 (or 36), English—elective to be approved by the Dean.*

X. FOREIGN TRADE AND THE CONSULAR SERVICE

NOTE: It should be understood that this program merely lays the foundation for more advanced and specialized study prerequisite to the proper preparation of candidates for the consular service. One general course in Foreign Trade Technique cannot be expected to eliminate an apprenticeship in that field, but it should materially shorten it.

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Economics 24, 26, 40, 47, Commerce 46, 51 (or 31), 60-61, 62, Government 2, English 20 or an additional course in French, Spanish, or German.

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* English 1a, if it was taken in the Freshman year, may be substituted for this English elective.

XI. GENERAL COURSE

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 60-61, 62, Economics 30 (or 40), 12 (or 20), English—elective to be approved by the Dean,* select one from each group: 1. Commerce 3, 5, 6, 12, 31, 38, 39; Economics 35. 2. Economics 13, 15, 54. 3. Economics 24, 26; Commerce 20, 22, 23; Economics 47. 4. Economics 13; Government 2, 36, 38; Philosophy 2, 3, 6.

XIII. COMBINED COURSE IN COMMERCE AND LAW

For the details of this course please see under the School of Law, Part Five.

* English 1a, if it was taken in the Freshman year, may be substituted for this English elective.

THE SCHOOL OF PUBLIC WELFARE

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
HOWARD WASHINGTON ODUM, Ph.D., *Director.*

*THE ADMINISTRATIVE BOARD

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EUGENE CUNNINGHAM BRANSON, A.M., Litt.D., *Kenan Professor of Rural Social Economics.*
ERNEST RUTHERFORD GROVES, A.B., B.D., *Research Professor of Sociology.*
HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology.*

SPECIAL STAFF

HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*
EUGENE CUNNINGHAM BRANSON, A.M., Litt.D., *Kenan Professor of Rural Social Economics.*
HARRY WOLVEN CRANE, Ph.D., *Professor of Psychology.*
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HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology.*
***LUTHER LEE BERNARD, Ph.D., *Professor of Sociology.*
THOMAS JACKSON WOOFTER, JR., Ph.D., *Research Professor of Sociology.*
WILEY BRITTON SANDERS, Ph.D., *Associate Professor of Sociology.*
LEE MARSHALL BROOKS, Ph.D., *Assistant Professor in Sociology.*
PAUL WOODFORD WAGER, Ph.D., *Assistant Professor of Rural Social Economics.*
GUY BENTON JOHNSON, Ph.D., *Research Associate in Sociology.*
ROY MELTON BROWN, Ph.D., *Research Associate in Sociology.*
RUPERT BAYLESS VANCE, Ph.D., *Research Associate in Sociology.*
KATHARINE JOCHER, Ph.D., *Lecturer on Family Case Work.*
GEORGE HAROLD LAWRENCE, A.M., *Supervisor of County Field Work.*

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
** Absent on leave, year 1929-1931.
*** Absent on leave, 1929-1931.

HISTORICAL STATEMENT

The School of Public Welfare of the University of North Carolina was authorized by the Board of Trustees at their mid-year meeting in January, 1920, on the recommendation of President Harry Woodburn Chase. The recommendation was made with the needs both of the college and the extension service of the University in mind and with the thought that such a School of Public Welfare would be built up around the Department of Sociology.

THE GENERAL PLAN OF WORK

In accordance, therefore, with the purposes of the School as set forth by the President and Trustees of the University plans for effective organization were begun and tasks entered upon during the Summer School of 1920. To meet the specific needs of the State and the University, and to some extent the South, a four-fold service was planned. The first emphasizes instruction in Sociology and Social Problems, including teaching in the College and University, extension teaching through the Extension Division for outside communities, and through general instruction and promotion of citizenship. The second emphasizes training for special work and community leadership, with special reference to town, village, and rural communities, and with special application to the State of North Carolina and the South. The division hopes to meet the very urgent demands of the State for trained men and women for its county superintendents of public welfare and other official positions and of many communities throughout the south for Red Cross secretaries and other community workers in the mill village and elsewhere. The third aspect of the work emphasizes direct and indirect community service, or social engineering through the avenues of community leaders, county superintendents of public welfare, local and district conferences, and community planning for leaders, industrial managers, and others. The fourth aspect emphasizes social research, scientific inquiry, and publication of results estimated to be of value to the State, the University, and to the general public welfare and social progress. A fifth general purpose, kept constantly in the foreground, provides, that the School maintain close and cordial coöperation with the State Department of Public Welfare, with other State departments of public service, with other departments and schools of the University, and with local and national voluntary agencies.

UNIVERSITY ORGANIZATION

In the classification of services just described it is important to keep in mind the larger two-fold nature of the work. Instruction in the college and the University, together with research into social

problems, constitutes the primary function of the Department of Sociology; while training for professional social work, extension services, and assistance in coördinating and perfecting public services mark the primary work of the School of Public Welfare as an integral administrative unit of the University. The work of the Department of Sociology is credited like that of other Departments in the College of Liberal Arts and other Schools, and may be counted toward the several degrees. The graduate degrees given in the School of Public Welfare, with Majors in Sociology or social work, are granted through the Graduate School of the University, as are all other graduate degrees. The University believes that professional training for social work and community leadership will make substantial progress in the projection of the ideals of a university professional school into the practical programs of public welfare. These ideals include: A standard curriculum of permanent and administrative unity; a special faculty of trained teachers; a faculty of coöperating university professors; the large university faculties and influence; a group of students well prepared and possessing the personality and character for leadership; a program of field work which provides adequate training and contributes to community building; the support of an enthusiastic and informed constituency; cordial coöperation with departments of public service and with private enterprise; the spirit of scientific and constructive work characteristic of the best educational statesmanship.

THE PLAN OF INSTRUCTION

In planning the courses of instruction, two important considerations have been kept constantly in mind: The first is to provide the necessary courses in social theory and applied sociology for the student who wishes to major in Sociology or to elect subjects from this department adequate for his purposes. The second consideration has in mind the necessary background, philosophy, and technique prerequisite to the preparation for social work in the larger and more effective way. In the first group, courses consist largely of the study of the history and theory of society, together with special problems like immigration, social pathology, penology, the negro problem, statistics, and social research and seminars on special topics assigned to the student. Such courses may be elected by college students and counted toward other degrees, or they may be elected and coördinated with the special courses for the training for professional social work.

In the group of courses prepared especially for the training of social workers and community leaders, the institutions and institutional modes of life are the centers around which are built the instruction and field work required of all who select this plan of

preparation. The six fundamental institutional modes of life emphasized are: the home and family; the school and education; the church and religion; the state and government; industry and work; the community and association. No courses are offered in the field of religion and the church, but courses in philosophy may be elected if desired, and the place of the church is treated thoroughly in all courses in community organization and community work, as well as in courses dealing with social theory and organization. The plan of instruction, then, follows the division set forth below:

I. General Social Theory.
II. The Home and Family.
III. The Community and Association.
IV. The State, Government, and Public Institutions.
V. The School and Education.
VI. Play and Recreation.
VII. Industry and Work.
VIII. Methods of Organization and Administration.
IX. Field Work.
X. Summer Institutes of Public Welfare.

In each of these divisions courses listed are correlated with other courses, both in the Department of Sociology and the School of Public Welfare, and in the Departments of Economics, Governments, Psychology and the Schools of Education and Commerce. The courses tending more nearly to specialization in industrial management and industrial welfare will be strengthened as the demand increases to include a large number from which to choose. In making plans for enrolling or for electing courses the student should make special inquiry to ascertain whether all courses listed are given during any specific year. The exact statement of term courses is given where possible, but the special needs of students, together with other considerations, make it advisable to allow some flexibility in arranging final schedules.

CANDIDATES FOR GRADUATE DEGREES

It is expected that those graduate students who are pursuing courses leading to graduate degrees, if they major in sociology or social work, shall select a minor from the fields of rural social science, economics, psychology, government, education, or history. In each of these fields North Carolina is rich in available opportunities for research and leadership and the several departments are well equipped to do the work of the highest order. Candidates for the Ph.D. degree will make special inquiries concerning requirements in addition to those specified in the Graduate School. In the announcements that follow reference is made to several depart-

ments and selected courses listed to indicate the opportunities for appropriate electives in other departments.

PUBLIC OFFICIALS AND OTHER TRAINED WORKERS

Municipal and county officers and other officials will be interested, and students graduating and looking forward to careers of promise should be interested in many of the courses. The judge of the juvenile court, the county commissioners, members of boards of schools and other institutions, county superintendents of public welfare, county demonstration agents, county health officers, community service executives, teachers in schools for adults, and many other public officials of state, county, and municipality will find inspiration and help in this course.

In the days to come the visiting teacher may prove to be one of the most important of all public service individuals and will find in training for community work the basis for outstanding success. The visiting teacher has been described as the agent of adjustment of conditions in the lives of individual children to the end that they may make more normal progress. This end is attained by visits first to the school, then to the home, then to the county superintendent of public welfare or other coöperating agency, thus gathering up the loose threads and focusing them upon home, school, and community. No less than special classes the school of democracy will have its visiting teachers alongside the superintendent of public welfare to help make democracy real in the unequal places. The field of research in the social sciences is in need of many trained men and women for immediate tasks.

THE SCOPE OF PROFESSIONAL COURSES

In addition to regular graduate degrees and the special courses selected and combined to meet the needs of special public officials, the following types of courses are given. Details of these may be gained from descriptions of courses in Part Three.

I. A one-year course of professional training consisting of two quarters in residence and one quarter in field work under supervision. This course is open to graduates of colleges of good standing. In addition to the specialized field work required during the third quarter, students taking this course will carry on field work in counties adjacent to the University during the two quarters in residence. A certificate will be issued upon completion of this course.

II. A two-year course of professional training. The first year of this course is identical with the one-year course. It will be followed by another year both in residence and in the field. Courses during the second year are designed for more intensive speciali-

zation and research and for more responsible administrative and executive work. A diploma will be issued upon completion of this course.

III. A four-year collegiate course, leading to the A.B. degree with a major in Sociology or social work is available for undergraduates and especially adapted to those who wish to prepare for special leadership in educational and administrative work in this field. It also makes the student thus graduating eligible for the advanced pure graduate course in social work and administration.

IV. Special courses of one, two, or three quarters arranged for students desiring to do special research or short time work. Students not eligible to the regular courses by reason of not holding a degree may be admitted to these special courses as *special students* provided they have had sufficient general education and practical experience to insure satisfactory work.

V. Summer institutes, arranged for special groups including superintendents of public welfare, county directors of community recreation, Red Cross secretaries, teachers and principals interested especially in community work, and others.

For further particulars concerning scholarships, fellowships, publications, courses, and other details write to the Director.

THE GRADUATE SCHOOL

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
*JAMES FINCH ROYSTER, Ph.D., *Dean.*
WILLIAM WHATLEY PIERSON, JR., Ph.D., *Acting Dean.*
**ALMONTE CHARLES HOWELL, Ph.D., *Assistant to the Dean.*
ROBERT RUSSELL POTTER, Ph.D., *Acting Assistant to the Dean.*

***THE ADMINISTRATIVE BOARD

WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
WILLIAM CHAMBERS COKER, Ph.D., *Kenan Professor of Botany.*
WILLIAM MORTON DEY, Ph.D., *Professor of the Romance Languages and Literatures.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*
EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education.*
CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*
GUSTAVE ADOLPHUS HARRER, Ph.D., *Professor of Latin.*
THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*
HOWARD MUMFORD JONES, M.A., *Professor of English.*

The Graduate School finds its province in the fostering of research, in training students to become investigators and teachers in special fields of learning, and in supplying opportunity for further study to those who have already completed a college course. The University of North Carolina has been interested in research for more than a century, and has made noteworthy contributions in science, history, and the languages. Through its research clubs and learned journals, as well as through publications and other contributions to learning made by members of its faculty, the University has acquired the authority to give advanced instruction. For this it is competent both from the standpoint of the personnel of its faculty and in material equipment in libraries and laboratories.

Work for advanced degrees is under the supervision of the Graduate Faculty, which consists of those officers of professorial rank who are chiefly interested in the Graduate School, either because they offer courses for graduate students or because of their

* Absent on leave, 1929-1930, as Director American University Union, London.
** Absent on leave, 1929-1930.
*** The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

interest in research. The immediate direction of the Graduate School is in charge of an Administrative Board, of which the Dean is chairman. Special requirements and regulations made by this board are outlined in the Catalogue of the Graduate School, published in alternate years and recognized as the official publication of the Graduate School, supplementing the General Catalogue of the University on such matters as admission, courses, requirements for degrees, etc.

ADMISSION TO THE GRADUATE SCHOOL

Holders of bachelors' or higher degrees from standard colleges and universities are admitted to the Graduate School upon presentation of their credentials and without examination. All students, except those who hold bachelors' degrees from this University, should procure from the institution at which they did their undergraduate work transcripts of their academic records. When possible, these transcripts should be filed with the Graduate Office when the student first enters upon his work. They must be available during the first quarter of residence. Admission to the Graduate School does not imply admission to candidacy for a higher degree, nor does it guarantee that the master's degree may be attained after one year's residence, or the doctor's degree after a residence of two or three years. Exact prescriptions for advanced degrees are made on the basis of the record of the student at this University as well as at his undergraduate college; they are determined for students as individuals, not as graduates of an approved college, and they may vary in accordance with the preparation of the student in the field in which he proposes to do advanced work. Further information on specific points will be found in the current issue of the catalogue of the Graduate School.

EXPENSES

See page 60.

FELLOWSHIPS AND OTHER AIDS

Twenty-six University Fellowships, each with a stipend of $500, are available to graduate students. These fellowships carry free tuition (not including laboratory fees), and are payable in nine monthly installments, beginning in October of the year for which they are awarded. Holders of these fellowships are expected to perform certain limited services as teachers or laboratory assistants in the department to which they are assigned. This department must be the major department of graduate study, and each holder of a fellowship will be required to pursue advanced courses in the department during his term as fellow.

Fellowships are awarded only to men who present satisfactory records as students and who give promise of being able to carry on advanced work with distinction. Teaching experience is desirable, but is not required.

Fellows are not permitted to hold any other office or position connected with the University, and they may not occupy any position outside the University during the term of the fellowship, or engage in any work for pay without the written permission of the Dean.

Correspondence in regard to the teaching fellowships may be addressed to the Dean or to the head of the department in which the candidate proposes to do his major work. A special form of application, to be secured from the Dean's office, must be filed before March 15th. Election to a fellowship will be made by the Administrative Board of the Graduate School, on nomination by the department which the fellowship is to be assigned. Since the University is a member of the Association of American Universities, the rules of that Association in regard to fellowships are followed.

Ten Research Assistantships, each paying $1,500, have been established in sociology and related fields, in connection with the Institute for Social Research. These appointments carry free tuition, and certain additional expense allowances are made, particularly for field work. Candidates must be able to qualify for admission to the Graduate School, must become candidates for higher degrees, and must, in addition, have at least one year of approved graduate work before appointment. Appointments are for one year, but may be renewed if the record justifies such action.

Fifteen University Scholarships are available on the same general terms as those governing the fellowships, except that they are open to women also. These Scholarships carry remission of tuition fees, and require no services. They are open to candidates in any department represented in the Graduate School.

A limited number of appointments as Teaching Assistants are also available. The stipend ranges from $500 to $800, and tuition fees are remitted. They require approximately half-time teaching, the remainder of the time being devoted to advanced study in the department in which the appointment is held.

GENERAL REGULATIONS

The unit of work is the course, by which is meant, as a rule, a class meeting five times a week. Half courses are also offered. In some courses open only to graduate students, such as the seminars and other research courses, the formal class exercises are modified. But all such work is credited in terms of courses and half courses.

Students are ordinarily expected to register for three courses. But two half courses may be substituted for a full course. Not more than three courses, or fifteen hours of class attendance, will be permitted. Students of more than one year's standing, candidates for the doctor's degree, are permitted greater latitude with reference to courses for which formal registration is required. Such considerations as the amount of time devoted to research, to work on the doctoral dissertation, and the like, weigh in the estimate of what constitutes full work. But in all such cases detailed reports by the department are required before residence credit is given.

Work done *in absentia* will not be counted for graduate credit, except that in certain cases approved by the department and by the Administrative Board part of the work on the thesis for a higher degree may be done elsewhere, and except, further, that part of the work required for the degree of Doctor of Philosophy, may, on the recommendation of the major department and with the approval of the Administrative Board, be done at another University. But all such work, even when credited, is subject to examination at the finals required for the degree.

Graduate students are subject to the same rules regarding attendance upon classes, faithfulness to assigned tasks, examinations, and credit as students in other departments of the University. But graduate work pre-supposes a greater amount of time for research in the library or the laboratory, and the student, being more mature, is thrown more upon his own responsibility. For these reasons excessive registration is not permitted. The whole idea of graduate work is comprised in a more intense specialization and, therefore, more complete investigation than is necessary or wise in undergraduate instruction.

Each graduate student works under the direction of a special committee which consists usually of the head of the major department, or of some member of the staff of that department under whom the candidate is doing special work, who serves as chairman, and the other instructors with whom the candidate is registered.

In the Graduate School, the following grading system obtains:

"High," which represents work of distinction;

"Passed," which represents satisfactory work;

"Failed," which represents work that is unsatisfactory for graduate credit.

No work falling below the standard represented by the grade of "Passed" is counted for graduate credit. If, in the judgment of the Administrative Board, the quality of the work done by any student falls below the standard expected of graduate students, the registration of such a student will be cancelled.

SUMMER SESSION

Graduate students who desire credit for attendance at the summer session must register at the office of the Dean. The rules respecting admission to candidacy for higher degrees, for selection and approval of courses, and for the higher degrees are the same in their application to summer session students as in the case of students registered for the regular session.

Only work announced as open for graduate credit in this Catalogue or in the Bulletin of the summer session may be counted toward the higher degree.

GRADUATE DEGREES

The degrees under the supervision of the Graduate Faculty are Master of Arts (A.M.), Master of Science (S.M.), and Doctor of Philosophy (Ph.D.). For a complete statement of the requirements for these degrees reference must be made to the special Catalogue of the Graduate School.

SUMMARY OF THE REQUIREMENTS FOR HIGHER DEGREES

Master's Degree

1. A bachelor's degree from a recognized institution.
2. A minimum residence period of three quarters.
3. Certification of proficiency in one modern foreign language.
4. Nine graduate courses, six of which must be in the department of the major.
5. A written examination in the field of the major.
6. An oral examination covering the entire field of study.
7. A thesis.

Doctor of Philosophy

1. Admission is the same as for the master's degree.
2. A minimum of three years of graduate study, at least one of which must be at the University of North Carolina.
3. A reading knowledge of French and German.
4. A major covering adequately the field of major interest and at least six courses in a minor, which may or may not be in a different department.
5. A preliminary oral examination.
6. A written examination in the field of major interest.
7. An oral examination covering the entire field of study.
8. A dissertation.

FACILITIES FOR RESEARCH

Statements concerning the libraries of the University and concerning laboratory facilities will be found elsewhere in the Catalogue. The University publishes three journals of research, all of them firmly established and widely known. *The Elisha Mitchell Journal,* now in its forty-sixth year, has published a very large number of scientific papers, particularly in chemistry, botany, and zoölogy. The *James Sprunt Historical Studies,* of which several volumes have appeared, are devoted to the results of historical studies, chiefly relating to North Carolina. *Studies in Philology,* a quarterly journal, now in its twenty-seventh volume, originally was devoted to the publication of monographs by members of the language departments of the University, but is now conducted on the same lines as *Modern Philology, Modern Language Notes, The Classical Journal,* and other journals of research, printing contributions by the foremost American scholars. *Social Forces* and the *North Carolina Law Review* have recently been established as journals of research in the two fields represented by their titles.

Several departments maintain their own clubs for the purpose of stimulating interest in research. Of wider appeal are such organizations as the Elisha Mitchell Scientific Society, founded in 1883, and the Philological Club, founded and maintained by the language departments of the University. To these organizations graduate students are admitted. There is also a Graduate Club, composed of graduate students, which holds meetings for the purpose of stimulating interest in the method of research in general and in the relation of fields of investigation to each other.

A Bulletin of *Research in Progress* is issued annually by the Graduate School, and contains abstracts of publications by members of the faculty, abstracts of theses presented for advanced degrees, and reports of investigations under way in the various departments.

FURTHER INFORMATION

Inquiries as to advanced work in special departments may be addressed to the heads of departments in which the student is interested. Inquiries relating to graduate work in general, admission, credits, requirements for degrees, requests for bulletins, and the like, should be addressed to the Dean of the Graduate School.

GRADUATE SCHOOL

The following list comprises courses which may be pursued for graduate credit in the different departments and schools of the University. Courses are listed by catalogue number and descriptive title. Only courses given in the regular session appear. For special courses offered in the Summer School the reader is referred to

the annual catalogue of the summer session. For further details as to content of courses, number of meetings a week, credit value, years offered, he is referred to Part Three of this catalogue.

DEPARTMENT OF BOTANY

4, 5, 6. STRUCTURE AND DEVELOPMENT OF THE FUNGI.
8. SEMINAR, STUDIES IN THE HISTORY OF BOTANY.
21, 22. STRUCTURE, GROWTH, AND CLASSIFICATION OF LIVERWORTS AND MOSSES.
23. STRUCTURE, GROWTH, AND CLASSIFICATION OF FERNS.
107-108-109. PLANT MORPHOLOGY.
110-111-112. GRADUATE RESEARCH.

DEPARTMENT OF CHEMISTRY

11, 12. CHEMICAL TECHNOLOGY.
18. HISTORY OF CHEMISTRY.
63. IDENTIFICATION OF PURE ORGANIC COMPOUNDS.
64. CHEMISTRY OF DYESTUFFS.
65. ADVANCED TOPICS IN ORGANIC CHEMISTRY.
67, 68. ADVANCED ORGANIC PREPARATIONS.
83. ADVANCED PHYSICAL CHEMISTRY.
84. ELECTROCHEMISTRY.
85. ELECTROCHEMISTRY.
3abc. CHEMICAL ENGINEERING.
111abc. RESEARCH IN INDUSTRIAL CHEMISTRY.
112bc. ADVANCED TECHNICAL CHEMISTRY.
113abc. INDUSTRIAL CHEMICAL MICROSCOPY.
121abc. RESEARCH IN INORGANIC CHEMISTRY.
122abc. ADVANCED INORGANIC CHEMISTRY.
141abc. RESEARCH IN ANALYTICAL CHEMISTRY.
142abc. ADVANCED ANALYTICAL CHEMISTRY.
161abc. RESEARCH IN ORGANIC CHEMISTRY.
162abc. ADVANCED ORGANIC CHEMISTRY.
181abc. RESEARCH IN PHYSICAL CHEMISTRY.
182abc. ADVANCED PHYSICAL CHEMISTRY.
183abc. ADVANCED PHYSICAL CHEMISTRY.
184abc. ADVANCED PHYSICAL CHEMISTRY.

DEPARTMENT OF ENGINEERING

14abc. STRUCTURES.
15abc. ENGINEERING DESIGN.
24abc. REINFORCED CONCRETE STRUCTURES.
25abc. ENGINEERING DESIGN.
34abc. HYDRAULIC AND SANITARY ENGINEERING.
35abc. SANITARY ENGINEERING DESIGN.
44a. CITY PLANNING.
44b. HIGHWAY ENGINEERING.
44c. RAILWAY ENGINEERING.
45abc. ENGINEERING DESIGN.
64abc. ALTERNATING-CURRENT MACHINERY AND POWER TRANSMISSION.
84abc. DYNAMO DESIGN.
85a. ELECTRIC CIRCUITS.
85b. ELECTRICAL MEASUREMENTS.
85c. COMMUNICATION ENGINEERING.
96a. AERODYNAMICS.

97bc. AIRPLANE DESIGN.
98bc. AIRPLANE ENGINES.
100abc. CONTRACTS AND SPECIFICATIONS.
105abc. ADVANCED STRENGTH OF MATERIALS.
106abc. ADVANCED ENGINEERING MATERIALS.
114abc. ADVANCED STEEL STRUCTURES.
124abc. REINFORCED CONCRETE STRUCTURES.
125abc. RESEARCH IN STRUCTURAL ENGINEERING.
130abc. SANITARY ENGINEERING.
131abc. RESEARCH IN HYDRAULIC AND SANITARY ENGINEERING.
132a. HYDROLOGY.
133abc. SANITARY CHEMISTRY AND BIOLOGY FOR ENGINEERING STUDENTS.
134abc. WATER POWER ENGINEERING.
135bc. REGIONAL AND CITY PLANNING.
140abc. RESEARCH IN HIGHWAY ENGINEERING.
145abc. HIGHWAY ENGINEERING RESEARCH AND DESIGN.
164a. ELECTRIC TRANSIENTS.
164b. HYPERBOLIC FUNCTIONS APPLIED TO TRANSMISSION PROBLEMS.
164c. DESIGN OF TRANSMISSION SYSTEMS.
184abc. ELECTRICAL ENGINEERING RESEARCH AND DESIGN.

DEPARTMENT OF CLASSICAL LANGUAGES AND LITERATURES

Greek

21-22. GREEK DRAMA: ADVANCED COURSE.
30. GREEK HISTORY.
31. GREEK HISTORY.
36. GREEK DRAMATIC LITERATURE.
43. THE GREEK NEW TESTAMENT.
53. PLATO IN ENGLISH TRANSLATION.
101abc. GREEK SEMINAR.

Latin

12. ROMAN HISTORICAL LITERATURE.
13. ROMAN DRAMATIC LITERATURE.
19. PROSE WRITINGS OF THE REPUBLIC.
20. CICERO: POLITICAL CAREER AND WORKS.
30. MEDIAEVAL LATIN.
51. THE LATIN EPIC.
100. PROBLEMS OF RESEARCH.
101-102-103. LATIN SEMINAR.
104. LATIN EPIGRAPHY.
105. LATIN PALEOGRAPHY.

DEPARTMENT OF COMPARATIVE LITERATURE

54. THE MIDDLE AGES.
57. THE RENAISSANCE.
58. CERVANTES AND ENGLISH LITERATURE.
68. COMPARATIVE DRAMA.
71. THE MODERN DRAMA.
78. LITERARY CRITICISM.
85. INTRODUCTION TO FOLK-LORE.
90. DIRECTED READING.
117. STUDIES IN NINETEENTH CENTURY ROMANTICISM IN ENGLAND.
118. STUDIES IN NINETEENTH CENTURY ROMANTICISM IN AMERICA.
141. RESEARCH IN A SPECIAL FIELD.

DEPARTMENT OF ECONOMICS AND COMMERCE

Economics

12. BUSINESS CYCLES.
13. PUBLIC FINANCE.
14. PROBLEMS IN PUBLIC FINANCE.
15. TRANSPORTATION.
20. RISK AND RISK-BEARING.
24. PRINCIPLES OF MARKETING.
26. INTERNATIONAL TRADE: THEORY AND POLICIES.
27. COMMERCIAL POLICY OF MODERN NATIONS.
30. AN INTRODUCTION TO THE LABOR PROBLEM.
31. LABOR AND SOCIAL CONTROL.
35. TYPES OF BANKING.
40. THEORIES OF ECONOMIC REFORM.
47. ADVANCED COMMODITY ECONOMICS.
54. THEORIES AND FORMS OF BUSINESS ENTERPRISE.
100abc. ADVANCED ECONOMIC THEORY.
106abc. SEMINAR IN ECONOMICS.
112. ECONOMIC DYNAMICS.
114. RESEARCH COURSE IN PUBLIC FINANCE.
126. INTERNATIONAL ECONOMIC RELATIONS.
130. HUMAN RELATIONS IN INDUSTRY.
141. SEMINAR.

Commerce

4. ACCOUNTING PRACTICE.
5. COST ACCOUNTING.
6. AUDITING.
7. INCOME TAX PROCEDURE.
8. C. P. A. PROBLEMS.
9. GOVERNMENTAL ACCOUNTING.
11. PRINCIPLES OF INDUSTRIAL MANAGEMENT.
12. CORPORATION FINANCE.
14. PERSONNEL MANAGEMENT.
16. INDUSTRIAL MANAGEMENT: THEORIES AND PRACTICES.
17. TIME AND MOTION STUDY.
31. BANKING PRACTICE AND FOREIGN EXCHANGE.
36. INVESTMENTS.
38. INSURANCE: LIFE.
39. INSURANCE: FIRE, MARINE, BOND, AND TITLE.
46. FOREIGN TRADE PRACTICE.
50. TRAFFIC PROBLEMS.
51. OCEAN SHIPPING.
106abc. SEMINAR IN COMMERCE.
141. SEMINAR.

DEPARTMENT OF EDUCATION

26. PUBLIC SCHOOL EDUCATION IN THE SOUTH.
29. HISTORY OF EDUCATION IN NORTH CAROLINA.
31. RURAL EDUCATION.
36. HISTORICAL FOUNDATIONS OF MODERN EDUCATION.
37. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES (History 66).
41. INTRODUCTORY COURSE IN SCHOOL ADMINISTRATION.
42. THE ELEMENTARY SCHOOL PRINCIPALSHIP.
43. ELEMENTS OF STATISTICAL METHODS.
46. CLASSROOM MANAGEMENT.

47. GUIDANCE AND ADMINISTRATION OF PUBLIC SCHOOL PUPILS.
55. SOCIAL POLICY AND EDUCATION.
56. SUPERVISION AND MEASUREMENTS IN SECONDARY EDUCATION.
60. CURRICULUM CONSTRUCTION.
62. TESTS AND MEASUREMENTS IN ELEMENTARY EDUCATION.
63. THE PSYCHOLOGY OF ELEMENTARY EDUCATION.
64. MENTAL MEASUREMENTS.
67. TEACHING PUPILS HOW TO STUDY.
101ab. PROBLEMS IN SECONDARY EDUCATION.
103abc. PROBLEMS IN EDUCATIONAL ADMINISTRATION.
104abc. PROBLEMS IN EDUCATIONAL MEASUREMENTS.
110ab. PROBLEMS IN EDUCATIONAL PSYCHOLOGY.
126abc. FOUNDATIONS OF EDUCATION IN THE SOUTH.
140. THESIS COURSE.
141. SEMINAR IN EDUCATION.
151. PRINCIPLES OF SECONDARY EDUCATION.

DEPARTMENT OF ENGLISH

40. ENGLISH LITERATURE OF THE RENAISSANCE.
43. THE ELIZABETHAN DRAMA.
44. THE ELIZABETHAN DRAMA.
45. MILTON.
46ab. SHAKESPEARE: HISTORICAL AND CRITICAL PROBLEMS.
47. ENGLISH LITERATURE, 1616-1700.
48. ENGLISH LITERATURE, 1700-1780.
51. ENGLISH LITERATURE, 1780-1830.
63. AMERICAN LITERATURE, 1870-1900.
64. THE ROMANTIC MOVEMENT IN AMERICAN LITERATURE.
65. AMERICAN LITERATURE.
68. COMPARATIVE DRAMA.
69. NINETEENTH CENTURY DRAMA.
71. MODERN DRAMA.
75. RESTORATION AND EIGHTEENTH CENTURY DRAMA.
78. LITERARY CRITICISM.
79. THE WRITING OF CRITICISM.
81. OLD ENGLISH: INTRODUCTORY COURSE.
83. MIDDLE ENGLISH: CHAUCER.
85. MEDIEVAL ROMANCE IN ENGLISH.
101. STUDIES IN OLD ENGLISH LITERATURE: BEOWULF.
102. STUDIES IN MIDDLE ENGLISH LITERATURE.
110. SEMINAR: STUDIES IN ELIZABETHAN LITERATURE.
112. SEMINAR: STUDIES IN SEVENTEENTH CENTURY LITERATURE.
113. SEMINAR: STUDIES IN EIGHTEENTH CENTURY LITERATURE.
117. SEMINAR: STUDIES IN NINETEENTH CENTURY ROMANTICISM IN ENGLAND.
118. SEMINAR: STUDIES IN NINETEENTH CENTURY ROMANTICISM IN AMERICA.
120ab. SEMINAR: STUDIES IN VICTORIAN LITERATURE.
125, 126, 127. PLAY WRITING, ADVANCED COURSE.
131ab. SEMINAR: METHODS.
140. SPECIAL READINGS.
141. SPECIAL RESEARCH.
CELTIC 105. MIDDLE IRISH.

Attention is called to the courses in philology and advanced literary study offered in the departments of Classics (Latin 30, Mediæval Latin; Latin 104, Latin Epigraphy; Latin 105, Latin Paleography), Comparative Literature,

Germanic Languages (German 111, Introduction to Comparative Philology; German 101, Gothic, etc.), and Romance Languages (French 121-122-123, Old French; French 125, Provencal; Spanish 121-122, Early Spanish; Italian 12, 13, Dante; etc.)

DEPARTMENT OF GEOLOGY

11-12. ECONOMIC GEOLOGY.
13. PETROLOGY.
14. PETROGRAPHY.
15-16. STRUCTURAL AND FIELD GEOLOGY.
17. OIL GEOLOGY.
24-25. ORIGIN AND NATURE OF SOILS.
51-52-53. ADVANCED FIELD WORK AND SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY.
55-56-57. APPLIED GEOPHYSICS.
61. ADVANCED CRYSTALLOGRAPHY.
71-72-73. ADVANCED PALEONTOLOGY.
74-75-76. ADVANCED PALEONTOLOGY.
81-82-83. ADVANCED HISTORICAL GEOLOGY.
104-105-106. SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY.
107-108-109. SPECIAL RESEARCH.

DEPARTMENT OF GERMANIC LANGUAGES

41-42. GOETHE'S LIFE AND WORKS.
43-44. GOETHE'S FAUST.
45. GERMAN DRAMA IN THE NINETEENTH CENTURY.
101. GOTHIC.
103. OLD HIGH GERMAN.
107. MIDDLE HIGH GERMAN.
109. THE ROMANTIC SCHOOL IN GERMANY.
111. INTRODUCTION TO COMPARATIVE PHILOLOGY.
113. GERMANIC PHILOLOGY.
115. OLD SAXON.
117. HISTORY OF GERMAN LITERATURE FROM 1500 TO 1750.

DEPARTMENT OF HISTORY AND GOVERNMENT

History

31. THE ORIENT AND EARLY GREECE.
32. GREECE: THE CLASSICAL PERIOD.
33. HELLENISTIC GREECE AND THE ROMAN REPUBLIC.
34. THE ROMAN EMPIRE AND THE EARLY MIDDLE AGES.
35. MEDIEVAL EUROPE: CHARLEMAGNE TO THE RENAISSANCE.
36. THE RENAISSANCE.
37. THE PROTESTANT REVOLT.
39. ENGLAND IN THE NINETEENTH CENTURY.
40. THE FRENCH REVOLUTION.
42. THE NAPOLEONIC PERIOD.
43. RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE.
44. RECENT AND CONTEMPORARY EUROPEAN HISTORY.
45. THE RISE OF ABSOLUTISM IN EUROPE.
51. THE AMERICAN COLONIES, 1606-1689.
52. THE AMERICAN COLONIES, 1689-1783.
53. THE FEDERAL PERIOD (1783-1815).
54. THE ANTE-BELLUM PERIOD (1815-1860).
55. SECESSION AND CIVIL WAR.
56. THE RECONSTRUCTION PERIOD.

57. RECENT AMERICAN HISTORY, 1876-1898.
58. RECENT AMERICAN HISTORY, 1898-1920.
59. NORTH CAROLINA, 1663-1789.
60. NORTH CAROLINA, 1789-1900.
61. THE SOUTH, 1789-1860.
62. THE SOUTH, 1877-1925.
63. HISTORY OF THE WEST.
64. THE FRONTIER IN AMERICAN HISTORY.
65. AMERICAN ECONOMIC HISTORY.
66. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES (Education 37).
70. HISPANIC-AMERICAN HISTORY.
71. HISPANIC-AMERICAN HISTORY.
72. HISPANIC-AMERICAN HISTORY.
61. THE SOUTH, 1789-1860.
62. THE SOUTH, 1877-1925.
100abc. THE HISTORY OF NORTH CAROLINA.
106abc. THE HISTORY OF CONGRESS.
110abc. ANCIENT HISTORY.
113abc. MODERN EUROPEAN HISTORY.
116abc. HISTORY OF THE UNITED STATES, 1783-1860.
119. THE ENGLISH BACKGROUND OF THE AMERICAN REVOLUTION.
120. PRELIMINARIES OF THE AMERICAN REVOLUTION.
141. SEMINAR COURSE.
151ab. HISTORIOGRAPHY.

Government

30. THE ELEMENTS OF POLITICAL SCIENCE.
34. THE CONSTITUTION OF THE UNITED STATES.
35. THE GOVERNMENT OF ENGLAND.
36. AMERICAN MUNICIPAL GOVERNMENT.
37. AMERICAN MUNICIPAL ADMINISTRATION.
38. AMERICAN STATE GOVERNMENT.
40. INTERNATIONAL LAW.
41. INTERNATIONAL RELATIONS.
42. GOVERNMENT AND ADMINISTRATION OF EUROPEAN CITIES.
43. COUNTY GOVERNMENT AND ADMINISTRATION.
46. POLITICAL THOUGHT OF THE EIGHTEENTH CENTURY.
47. DEVELOPMENT OF THE ENGLISH CONSTITUTION.
48. AMERICAN DIPLOMACY.
50. HISTORICAL JURISPRUDENCE.
100abc. AMERICAN POLITICAL THEORY.
106abc. MODERN INTERNATIONAL RELATIONS.
110-111-112. SEMINAR ON STATE AND LOCAL GOVERNMENT.
141. SEMINAR COURSE.

DEPARTMENT OF MATHEMATICS

50. THEORY OF EQUATIONS.
51. DIFFERENTIAL EQUATIONS.
53. PROJECTIVE HOMOGENEOUS CO-ORDINATES AND THEIR APPLICATIONS.
54. ANALYTIC PROJECTIVE GEOMETRY.
55. ANALYTIC GEOMETRY OF SPACE.
56abc. GRAPHICAL ANALYSIS.
59. ADVANCED CALCULUS.
60. DYNAMICS.
61. VECTOR ANALYSIS.

62. FOUNDATIONS OF GEOMETRY.
100. THEORY OF FUNCTIONS OF A REAL VARIABLE.
101. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE.
102. HIGHER PLACE CURVES.
103. THE THEORY OF DIFFERENTIAL EQUATIONS.
104. THEORY OF NUMBERS.
105. DIFFERENTIAL GEOMETRY.
106. INTRODUCTION TO THE THEORY OF RELATIVITY.
107. ADVANCED RELATIVITY THEORY.
108. MODERN HIGHER ALGEBRA.
109. ELEMENTS OF NON-EUCLIDEAN GEOMETRY.
110. ALGEBRAIC VARIANTS.
111. CALCULUS OF VARIATIONS.
113. INTRODUCTION TO THE THEORY OF FINITE GROUPS.
141. SEMINAR.

DEPARTMENT OF PHILOSOPHY

10-11-12. LOGIC AND CIVILIZATION.
13-14. THE LOGIC OF SCIENCE.
20. ETHICS.
135. SPECIAL READINGS.
140-141-142. SEMINAR IN PHILOSOPHY.

DEPARTMENT OF PHYSICS

5. HEAT AND THERMODYNAMICS.
6. MECHANICS AND WAVE MOTION.
7. MODERN ELECTRICAL THEORY.
8. ADVANCED ELECTRICITY AND MAGNETISM.
9. OPTICS.
10. INTRODUCTION TO MATHEMATICAL PHYSICS.
12. ADVANCED GENERAL LABORATORY.
13. X-RAY TECHNIQUE: BIOPHYSICS.
115. ATOMIC STRUCTURE.
116. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM.
117. THEORY OF LIGHT.
119. THEORY OF HEAT.
141. RESEARCH.

DEPARTMENT OF PSYCHOLOGY

25. ANIMAL PSYCHOLOGY.
26. CHILD PSYCHOLOGY.
35. ECONOMIC PSYCHOLOGY: INDUSTRIAL AND VOCATIONAL.
36. ECONOMIC PSYCHOLOGY: ADVERTISING.
38. LEGAL PSYCHOLOGY.
40. PSYCHOLOGY OF PERSONALITY.
45. ABNORMAL PSYCHOLOGY: FEEBLE-MINDEDNESS.
46. ABNORMAL PSYCHOLOGY: PSYCHONEUROSES AND PSYCHOSES.
47. ABNORMAL PSYCHOLOGY: METHODS OF MENTAL EXAMINATION.
51-52, 53. EXPERIMENTAL PROBLEMS.
101. ADVANCED EXPERIMENTAL PSYCHOLOGY.
102-103. RESEARCH IN PSYCHOLOGY.
105. PHYSIOLOGICAL PSYCHOLOGY.
106. CONTEMPORARY PSYCHOLOGICAL TENDENCIES.
108. SOCIAL PSYCHOLOGY.

DEPARTMENT OF ROMANCE LANGUAGES

French

11. FRENCH LITERATURE IN THE SEVENTEENTH CENTURY.
12. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY.
13. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY.
14. FRENCH PHONETICS.
15. THE FRENCH ROMANTIC MOVEMENT.
16. FRENCH LITERATURE SINCE 1850.
17. DRAMA: ORIGINS THROUGH THE SEVENTEENTH CENTURY.
18. THE FRENCH DRAMA.
19. THE FRENCH NOVEL.
24. FRENCH LYRIC POETRY.
26. HISTORY OF THE FRENCH LANGUAGE.
101. STUDIES IN ROMANTICISM.
105-106. FRENCH LITERATURE OF THE RENAISSANCE.
108. FRENCH LITERATURE OF THE 14TH AND 15TH CENTURIES.
110. HISTORY OF FRENCH LITERATURE PRIOR TO 1300.
121-122-123. OLD FRENCH.
125. PROVENCAL.
131. FRENCH SYNTAX.
141. RESEARCH.
CELTIC 105. MIDDLE IRISH.

Spanish

11. LOPE DE VEGA AND HIS CONPEMPORARIES.
12. CALDERON AND HIS CONTEMPORARIES.
15. EARLY LYRIC POETRY.
16. MODERN LYRIC POETRY.
17. SPANISH DRAMA OF THE NINETEENTH CENTURY.
18. MODERN SPANISH DRAMA.
19. EARLY SPANISH PROSE FICTION.
20. THE SPANISH NOVEL. 1605-1898.
21. MODERN SPANISH NOVELISTS.
121-122. EARLY SPANISH.
123. EARLY SPANISH LITERATURE.
127. SPANISH ROMANTICISM.
131. INTRODUCTION TO SPANISH AMERICAN LITERATURE.
141. RESEARCH.

Italian

11. ITALIAN LITERATURE OF THE RENAISSANCE.
12. DANTE.
13. DANTE.
56. DANTE IN ENGLISH TRANSLATION.
121. OLD ITALIAN.

DEPARTMENT OF RURAL SOCIAL-ECONOMICS

20. NORTH CAROLINA: ECONOMIC AND SOCIAL.
105abc. RURAL SOCIAL PROBLEMS.
113abc. RURAL ECONOMICS.
115abc. COUNTY ADMINISTRATION.
117abc. RURAL SOCIAL PROBLEMS.

DEPARTMENT OF SOCIOLOGY

5. NEGRO PROBLEMS.
6. PROBLEMS OF IMMIGRATION.
8. COMMUNITY ORGANIZATION.
9. ADMINISTRATION OF COMMUNITY WORK.
11. MARRIAGE AND THE FAMILY.
12. CRIME AND ITS SOCIAL TREATMENT.
13. SOCIAL PATHOLOGY.
14. FAMILY CASE WORK.
15. ADVANCED FAMILY CASE WORK.
23. THE THEORY OF PLAY AND RECREATION.
28. JUVENILE DELINQUENCY.
29. THE PUBLIC CARE OF CHILDREN.
40. THE ORGANIZATION AND ADMINISTRATION OF PUBLIC WELFARE.
41. SOCIAL LAWS.
45. SOCIAL ANTHROPOLOGY.
105. SOCIAL ORIGINS AND SOCIAL CHANGE.
107. THE ADVANCED STUDY OF SOCIAL PROBLEMS.
108. METHODS IN SOCIAL RESEARCH.
109. SOUTHERN REGIONAL SOCIAL PROBLEMS.
121. ADVANCED PRINCIPLES OF SOCIOLOGY.
122. EDUCATIONAL SOCIOLOGY.
123. HISTORICAL SOCIOLOGY.
127-128-129. GRADUATE RESEARCH SEMINARS.
130-131-132. GRADUATE RESEARCH SEMINARS.
134. EUROPEAN SOCIOLOGY.
135. AMERICAN SOCIOLOGY.
136. RECENT SOCIOLOGICAL THEORY.
141. SEMINAR.

DEPARTMENT OF ZOOLOGY

3. COMPARATIVE ANATOMY OF VERTEBRATES.
4. COMPARATIVE EMBRYOLOGY OF VERTEBRATES.
5. COMPARATIVE HISTOLOGY OF VERTEBRATES.
6-7-8. MORPHOLOGY AND CLASSIFICATION OF THE INVERTEBRATES.
9. INTRODUCTION TO HYDROBIOLOGY.
10. INTRODUCTION TO PROTOZOÖLOGY.
11. MORPHOLOGY OF VERTEBRATES.
109-110-111. GENERAL EMBRYOLOGY AND REGENERATION.
112-113-114. HYDROBIOLOGY.
115. PROTOZOÖLOGY.
116. RESEARCH.

ADDITIONAL COURSES FOR GRADUATE CREDIT

Certain courses in the professional schools may, with the permission of the committee under which the student is working and the administrative board, be elected as minors for graduate credit.

In the School of Law the following courses are open to properly qualified graduate students: Negotiable Instruments, Municipal Corporations, Carriers, Insurance, Sales, Corporations, Constitutional Law, Criminal Law, Evidence, Persons.

In the School of Medicine the following courses are open to graduate students who present the proper prerequisites: PHYSIOLOGY 1 and 4 (Prerequisite, Chemistry 61 and Anatomy 1 and 2. Professor Manning); NEURO-ANATOMY (Prerequisite, Zoölogy 1 or its equivalent. Professor Mangum); HISTOLOGY (Prerequisite, two courses in Biology including Zoölogy. Professor George);

EMBRYOLOGY (Prerequisite, two courses in Biology including Zoölogy. Professor George); PHARMACOLOGY (Prerequsites, Physiology and Bio-chemistry 1-2. Professor MacNider); BACTERIOLOGY (Prerequisite, Chemistry 1, 3, 31, and one course in Biology. Professor McPherson); BACTERIOLOGY 4 (Prerequisite, Bacteriology 2. Professor MacPherson); PATHOLOGY 1 (Prerequisite, Histology, Bacteriology, and Physiology. Professor Bullitt). Other courses are planned. Address inquiries to the Dean of the Graduate School.

THE SUMMER SCHOOL, 1929

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
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s3. INTERMEDIATE COURSE. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Metzenthin.

s4. INTERMEDIATE COURSE. *Ten hours a week, each term.* C. I, II, III, IV, V. First term, Mr. Brown. Second term, Mr. Metzenthin.

s22. INTRODUCTION TO GERMAN LITERATURE. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Toy.

HISTORY AND GOVERNMENT

History

s15. HISTORY OF THE FAR EAST. *Five hours a week, second term.* C. I, II. Mr. Robertson.

s41. THE GERMAN EMPIRE. *Five hours a week, first term.* C. I, II, or G. Mr. Mitchell.

s44b. THE WORLD WAR. *Five hours a week, first term.* C. I, II, or G. Mr. Mitchell.

s48. EUROPE IN THE EIGHTEENTH CENTURY. *Five hours a week, first term.* C. I, II, or G. Mr. Mitchell.

s55. SECESSION AND CIVIL WAR. *Ten hours a week, first term.* C. I, II, or G. Mr. Hamilton.

s56. THE RECONSTRUCTION PERIOD. *Ten hours a week, second term.* C. I, II, or G. Mr. Hamilton.

s57. RECENT AMERICAN HISTORY, 1876-1898. *Ten hours a week, first term.* C. I, II, or G. Mr. Pierson.

s58. RECENT AMERICAN HISTORY, 1898-1920. *Ten hours a week, second term.* C. I, II, or G. Mr. Pierson.

s73. HISTORY OF SPANISH BORDERLANDS. *Five hours a week, second term.* C. I, II, or G. Mr. Robertson.

s125. AMERICAN POLITICS AND PARTIES. *Two hours a week, both terms.* G. Mr. Pierson.

s141. RESEARCH COURSE. *Both terms.*

s150. PRACTICAL HISTORICAL METHOD. *Two hours a week, second term.* G. Mr. Robertson.

Government

s1. AMERICAN FEDERAL GOVERNMENT. *Five hours a week, first term.* C. I, II. Mr. Woodhouse.

s38. AMERICAN STATE GOVERNMENT. *Five hours a week, first term.* C. I, II, or G. Mr. Woodhouse.

s50. HISTORICAL JURISPRUDENCE. *Five hours a week, first term.* C. I, II, or G. Mr. Woodhouse.

s141. RESEARCH COURSE. *First term.*

LATIN

s4. POST-AUGUSTAN PROSE. *Five hours a week, through both terms.* C. I, II. First term, Mr. Sanders. Second term, Mr. Griffin.

s11. ESSENTIALS OF HIGH SCHOOL LATIN. *Five hours a week, first term.* C. I, II. Mr. Gwynn.

s19. CAESAR. *Five hours a week, second term.* C. I, II. Mr. Griffin.

s20. CICERO. *Five hours a week, first term.* C. I, II. Mr. Sanders.

s21. VERGIL. *Five hours a week, second term.* C. I, II. Mr. Griffin.

s22. ROMAN SATIRE. *Five hours a week, first term.* C. I, II, or G. Mr. Sanders.

s51. THE LATIN EPIC. *Five hours a week, first term.* C. I, II, or G. Mr. Howe.

s101. LATIN SEMINAR. *Five hours a week, both terms.* C. I, II, or G. First term, Mr. Howe. Second term, Mr. Harrer.

s106. POST-AUGUSTAN POETRY. *Five hours a week, second term.* C. I, II, or G. Mr. Harrer.

s110. THESIS COURSE. *Both terms.*

LIBRARY SCIENCE

s1a. ADMINISTRATION. *Five hours a week, first term.* C. I, II. Miss Findley.

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s2b. REFERENCE AND BIBLIOGRAPHY. *Five hours a week, second term.* C. I, II. Mrs. Vining.

s3ab. CHILDREN'S LITERATURE. *Five hours a week, first term.* C. II. Miss Beust.

s4a. BOOK SELECTION. *Five hours a week, second term.* C. I, II. Miss Beust.

MATHEMATICS

s1. COLLEGE ALGEBRA. *Five hours a week, through both terms.* C. I, II, III, IV. First term, Mr. Linker. Second term, Mr. Winsor.

s2. PLANE TRIGONOMETRY. *Five hours a week, through both terms.* C. I, II, III, IV. First term, Mr. Browne. Second term, Mr. Lasley.

s3. ANALYTIC GEOMETRY. *Five hours a week, through both terms.* C. I, II. First term, Mr. Hobbs. Second term, Mr. Mackie.

s4. DIFFERENTIAL CALCULUS. *Five hours a week, through both terms.* C. I, II. First term, Mr. Linker. Second term, Mr. Mackie.

s5. INTEGRAL CALCULUS. *Five hours a week, through both terms.* C. I, II. First term, Mr. Linker. Second term, Mr. Winsor.

s50. THEORY OF EQUATIONS. *Five hours a week, through both terms.* C. I, II, III, IV. First term, Mr. Linker. Second term, Mr. Winsor.

s52. SYNTHETIC PROJECTIVE GEOMETRY. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Browne. Second term, Mr. Lasley.

s64. INTRODUCTION TO HIGHER ALGEBRA AND GEOMETRY. *Five hours a week, through both terms.* C. I, II. First term, Mr. Hobbs. Second term, Mr. Mackie.

s80. HISTORY OF MATHEMATICS. *Five hours a week, first term.* C. I, II, or G. Mr. Browne.

s81. TEACHING OF MATHEMATICS. *Five hours a week, second term.* C. I, II, or G. Mr. Lasley.

MUSIC

s3a. MUSIC APPRECIATION. *Five hours a week, first term.* C. I, II. Mr. Weaver.

s7a. SIGHT SINGING AND EAR TRAINING, ELEMENTARY. *Five hours a week, each term.* C. I, II. First term, Mr. Vardell. Second term, Mr. Wilsbach.

s7b. SIGHT SINGING AND EAR TRAINING, INTERMEDIATE. *Five hours a week, each term.* C. I, II. First term, Mr. Vardell. Second term, Mr. Wilsbach.

s11. HISTORY OF MUSIC, CLASSIC AND ROMANTIC PERIODS. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s20. HARMONY, ELEMENTARY. *Five hours a week, first term.* C. I, II. Mr. Vardell.

s23a. INSTRUMENTATION. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s30. GENERAL PROBLEMS OF MUSIC SUPERVISION. *Five hours a week, first term.* C. II. Miss Hayes.

s40. PUBLIC SCHOOL MUSIC METHODS, PRIMARY GRADES. *Five hours a week, both terms.* C. II. First term, Mrs. Woodman and Miss Hayes. Second term, Mr. Wilsbach.

s43. PUBLIC SCHOOL MUSIC METHODS, GRAMMAR GRADES. *Five hours a week, both terms.* C. II. First term, Miss Hayes. Second term, Mr. Wilsbach.

s46. HIGH SCHOOL MUSIC METHODS. *Five hours a week, first term.* C. II. Mrs. Woodman.

s49. METHODS IN MUSIC APPRECIATION. *Five hours a week, first term.* C. II. Mrs. Woodman.

s50. KINSCELLA CLASS METHOD OF PIANO INSTRUCTION, BEGINNERS'. *Two hours daily—July 1-13.* C. II. Miss Kinscella.

s51. KINSCELLA CLASS METHOD OF PIANO INSTRUCTION, ADVANCED. *Two hours daily—July 1-13.* C. II. Miss Kinscella.

s53. CLASS METHOD OF VIOLIN INSTRUCTION. *Five hours a week, first term.* C. II. Mr. McCorkle.

s60. DALCROZE EURYTHMICS. *Five hours a week, first term.* C. II. Miss Reuschel.

PHARMACY

s20. THEORY AND PRACTICE OF PHARMACY. *Ten hours a week, first term.* Mr. Jacobs.

PHYSICS

s1. GENERAL PHYSICS. Part I. *Five lectures, three discussions, and six laboratory hours a week, first term.* C. I, II, III, IV, V. Mr. Stuhlman, Mr. Trawick, and Mr. Braun.

s2. GENERAL PHYSICS. Part II. *Five lectures, three discussions, and six laboratory hours a week, second term.* C. I, II, III, IV, V. Mr. Plyler, Mr. Whitaker and Mr. Steele.

s6. MECHANICS AND WAVE MOTION. *Ten hours a week, first term.* C. I, II. Mr. Stuhlman.

s8. ADVANCED ELECTRICITY AND MAGNETISM. *Ten hours a week, second term.* C. I, II. Mr. Plyler.

PSYCHOLOGY

s1. GENERAL PSYCHOLOGY: First Half. *Eight lectures and eight laboratory hours a week, first term.* C. I, II, III, IV, V. Mr. Dashiell.

s2. GENERAL PSYCHOLOGY: Second Half. *Eight lectures and eight laboratory hours a week, second term.* C. I, II, III, IV, V. Mr. Barkley.

s104a. ADVANCED GENERAL PSYCHOLOGY: First half. *Five hours a week, first term.* G. Mr. Crane.

s141. RESEARCH IN A SPECIAL FIELD. *First term.* G. Mr. Dashiell.

ROMANCE LANGUAGES

French

s1. ELEMENTARY COURSE. *Ten hours a week, first term.* E. Mr. Staab.

s2. ELEMENTARY COURSE. *Ten hours a week, second term.* E. Mr. Smith.

s7. FRENCH CONVERSATION AND COMPOSITION. *Five hours a week, through both terms.* C. I, II, III. First term, Mr. Staab. Second term, Mr. Smith.

s10. REVIEW OF GRAMMAR AND SYNTAX. *Five hours a week, first term.* C. II. Mr. Giduz.

s13. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. *Five hours a week, through both terms.* C. or G. I, II. First term, Mr. Huse. Second term, Mr. Holmes.

s14. FRENCH PHONETICS. *Five hours a week, through both terms.* C. or G. I, II. First term, Mr. Dey. Second term, Mr. Wilson.

s15. THE FRENCH ROMANTIC MOVEMENT. *Five hours a week, through both terms.* C. or G. I, II. First term, Mr. Dey. Second term, Mr. Wilson.

s18. THE FRENCH DRAMA. *Five hours a week, through both terms.* C. or G. I, II. First term, Mr. Huse. Second term, Mr. Wilson.

s105. FRENCH LITERATURE OF THE RENAISSANCE. *Five hours a week, through both terms.* G. First term, Mr. Huse. Second term, Mr. Holmes.

s141. RESEARCH. *Through both terms.* G.

Spanish

s1. ELEMENTARY COURSE. *Ten hours a week, first term.* E. Mr. Stoudemire.

s2. ELEMENTARY COURSE. *Ten hours a week, second term.* E. Mr. Stoudemire.

s17a. SPANISH DRAMA OF THE ROMANTIC PERIOD. *Five hours a week, first term.* C. I, II, or G. Mr. Leavitt.

s17b. SPANISH DRAMA OF THE SECOND HALF OF THE NINETEENTH CENTURY. *Five hours a week, second term.* C. I, II, or G. Mr. Adams.

s18a. MODERN SPANISH DRAMA. *Five hours a week, first term.* C. I, II, or G. Mr. Leavitt.

s18b. MODERN SPANISH DRAMA. *Five hours a week, second term.* C. I, II, or G. Mr. Adams.

s20a. THE SPANISH NOVEL. *Five hours a week, first term.* C. I, II, or G. Mr. Leavitt.

s20b. THE SPANISH NOVEL. *Five hours a week, second term.* C. I, II, or G. Mr. Adams.

s141. RESEARCH. G. *Both terms.*

RURAL SOCIAL ECONOMICS

s10. RURAL SOCIAL PROBLEMS. *Five hours a week, first term.* C. I, II. Mr. Wager.

s12. RURAL ECONOMIC PROBLEMS. *Five hours a week, second term.* C. I, II. Mr. Wager.

s15. THE RURAL COUNTY AND ITS INSTITUTIONS. *Five hours a week, first term.* C. I, II. Mr. Wager.

s16. LABORATORY COURSE ON THE HOME COUNTY. *Ten hours a week, first term.* C. I, II. Mr. Wager.

s108. RURAL SOCIAL PROBLEMS. *Ten hours a week, first term.* G. Mr. Branson.

SOCIOLOGY

s1a. INTRODUCTION TO SOCIOLOGY. *Five hours a week, first term.* C. I, II. Mr. Shankweiler and Mr. Sanders.

s1a. INTRODUCTION TO SOCIOLOGY. *Five hours a week, second term.* C. I, II. Mr. Brooks.

s1b. INTRODUCTION TO SOCIOLOGY. *Five hours a week, second term.* C. I, II. Mr. Brooks.

s4a. EDUCATIONAL SOCIOLOGY. *Five hours a week, first term.* C. I, II. Mr. Groves.

s10a. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, first term.* C. I, II. Mr. Meyer and Mr. Odum.

s10a. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, second term.* C. I, II. Mr. Odum.

s10b. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, second term.* C. I, II. Mr. Meyer.

s11b. THE FAMILY. *Five hours a week, second term.* C. I, II, or G. Mr. Brooks.

s14a. FAMILY CASE WORK. *Five hours a week, first term.* C. I, II, or G. Mr. Sanders.

s23. THE THEORY OF PLAY AND RECREATION. *Five hours a week, first term.* C. I, II, or G. Mr. Meyer.

s25. EXTRA-CURRICULAR ACTIVITIES. *Five hours a week, second term.* C. I, II. Mr. Meyer.

s28. JUVENILE DELINQUENCY. *Five hours a week, first term.* C. I, II, or G. Mr. Sanders.

s107a. ADVANCED SOCIAL PROBLEMS. *Five hours a week, first term.* G. Mr. Meyer and Mr. Odum.

s107a. ADVANCED SOCIAL PROBLEMS. *Five hours a week, second term.* G. Mr. Meyer.

s107b. ADVANCED SOCIAL PROBLEMS. *Five hours a week, second term.* G. Mr. Meyer.

s108ab. METHODS IN SOCIAL RESEARCH. *Five hours a week, both terms.* G. Mr. Odum.

s109ab. SOUTHERN REGIONAL SOCIAL PROBLEMS. *Five hours a week, both terms.* G. Mr. Odum.

s122a. ADVANCED EDUCATIONAL SOCIOLOGY. *Five hours a week, first term.* G. Mr. Groves.

ZOOLOGY

s1 (b). PRACTICAL STUDIES. *Six hours a week, second term.* C. I, II, III, IV, V. Mr. Penney.

s1 (a). FUNDAMENTALS OF ANIMAL BIOLOGY. *Six hours a week (two lecture and eight laboratory hours), second term.* C. I, II, III, IV, V. Mr. Penney.

ELEMENTARY DIVISION

Education

s60Xab. CURRICULUM CONSTRUCTION. *Five hours a week, through both terms.* C. II, or G. Mr. Trabue, Mr. McKee, and Miss Parrott.

s60Xb. THE ELEMENTARY SCHOOL CURRICULUM. *Five hours a week, each term.* C. II, or G. Mr. Trabue and Miss Marks.

s63Xab. THE PSYCHOLOGY OF ELEMENTARY EDUCATION. *Five hours a week, through both terms.* C. I, II, or G. Mr. Jordan.

s68X. INVESTIGATIONS IN READING. *Five hours a week, through both terms.* C. II.

s69X. PROBLEMS OF MENTAL HYGIENE FOR TEACHERS. *Ten hours a week, first term.* C. II. Mr. Crane.

s82P. READING AND STUDY HABITS FOR THE PRIMARY GRADES. *Ten hours a week, first term.* C. II. Mr. Hicks and Miss Marks.

s82G. READING AND STUDY HABITS FOR GRAMMAR GRADES. *Ten hours a week, first term.* C. II. Mr. Morrison.

s83Xa. MATERIALS AND METHODS OF TEACHING SOCIAL SCIENCE. *Five hours a week, each term.* C. II. Miss Meisel.

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s84Pa. ARITHMETIC, PRIMARY NUMBERS AND PROJECTS. *Five hours a week, first term.* C. II. Mr. Hicks.

s84Ga. ARITHMETIC FOR GRAMMAR GRADES. *Five hours a week, first term.* C. II. Miss Marks.

s84Pb. LANGUAGE FOR PRIMARY GRADES. *Five hours a week, each term.* C. II. Miss Cobb.

s84Gb. LANGUAGE AND COMPOSITION FOR GRAMMAR GRADES. *Five hours a week, each term.* C. II. Miss Cobb and Miss Hufham.

s89GX. THE PROBLEM CHILD IN SCHOOL AND HIS ADJUSTMENT. *Ten hours a week, first term.* C. II. Miss Alling.

English

s1Xa. CHILDREN'S LITERATURE. *Five hours a week, first term.* C. II. Miss Beust.

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s2X. READING AND SPEECH TECHNIQUE. *Ten hours a week, each term.* C. II. Miss Hufham.

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s1P. DRAWING AND ART FOR PRIMARY GRADES. *Ten hours a week, first term.* C. II. Miss Swift.

s1G. DRAWING AND ART FOR GRAMMAR GRADES. *Ten hours a week, first term.* C. II. Miss Swift.

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s3P. PHYSICAL AND HEALTH EDUCATION FOR PRIMARY GRADES. *Ten hours a week, each term.* C. II. Mr. Lauritson.

s3G. PHYSICAL AND HEALTH EDUCATION FOR GRAMMAR GRADES. *Ten hours a week, each term.* C. II. Mr. Lauritson.

Practical and Industrial Arts

s1P. INDUSTRIAL ARTS FOR THE PRIMARY GRADES. *Ten hours a week, first term.* C. II. Miss Shimel.

s1G. INDUSTRIAL ARTS FOR THE GRAMMAR GRADES. *Ten hours a week, first term.* C. II. Miss Shimel.

Natural Science

s1X. GENERAL SCIENCE. *Ten hours a week, first term.* C. II. Miss Nichols.

s2X. GENERAL SCIENCE. *Ten hours a week, second term.* C. II. Miss Nichols.

s3X. THE PRINCIPLES OF GEOGRAPHY. *Five hours a week, through both terms.* C. II. Miss Nichols.

Social Science

s1X. PROBLEMS OF CITIZENSHIP. *Five hours a week, both terms.* C. II. Miss Meisel.

s2X. NORTH CAROLINA HISTORY. *Five hours a week, each term.* C. II. Mr. King.

s3Xab. AMERICAN HISTORY. *Five hours a week, each term.* C. II. Mr. Drake.

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n1. (Writ. 21X). WRITING. 1s.hr.N. *First term.* Miss Jones.

n2. (Writ. 21X). WRITING. 1s.hr.N. *First term.* Miss Jones.

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* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
** Absent on leave, winter and spring quarters, 1929.
*** Absent on leave, 1929-1930.

EDGAR RALPH RANKIN, A.M., *High School Debating and Athletics.*
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The University Extension Division offers service to the people of the State through the following bureaus:

BUREAU OF CLASS INSTRUCTION

Extension classes in regular University subjects are held in communities throughout the state. These classes are taught by members of the University faculty and when all requirements are met give the same credit as residence work. Those not wishing degree credit are also eligible to enroll in extension classes. The classes usually meet one evening a week for sixteen weeks, for which a half course or two semester hours of degree credit may be earned. The fee for each half course is ten dollars. The first semester starts the last week in September and the second semester begins about February first. An individual or group wishing to organize an extension class should make written application to the University Extension Division, giving the following information: probable number of enrollments, general type of persons who wish to join the class, course desired, when and where the class wishes to meet, and who will have charge of the local arrangements.

Courses Offered

The Extension Division attempts to offer most of the courses listed in the University Catalogue in any community where a sufficient number of people desire to enroll.

In order to conserve space, all other information and regulations concerning extension class work are omitted here but may be secured by sending a written request to the University Extension Division.

BUREAU OF CORRESPONDENCE INSTRUCTION

All information and regulations concerning correspondence courses offered by the University are contained in the Catalogue of correspondence instruction issued separately.

COURSES OF INSTRUCTION

(Key: [H] Half course two semester hours, fee $8.00 (for non-residents of North Carolina $10.00): [W] Whole course, three and one-third semester hours, fee $13.50 (for non-residents of North Carolina $17.00). See correspondence instruction catalogue for descriptions of courses, names of instructors, and limitations of credit).

CHEMISTRY

13. Chemistry of Foods (W).

ECONOMICS

1. General Economics (W). 2. General Economics (W). 5. Economic History (W). 11. Credit and Banking (W).

COMMERCE

20. Salesmanship (W). 27. Retail Salesmanship and Store Management (W). 36. Investments (W). 60. Business Law (W). 61. Business Law (W). 20. Business English (W).

EDUCATION

1a. Introduction to Educational Psychology (H). 1b. Same, continued (H). 4a. Educational Sociology (H). 4b. Same, continued (H). 5a. General Introduction to the Study of Education (H). 5b. Same, continued (H). 20a. Educational Psychology (H). 20b. Same, continued (H). 26. Public School Education in the South (W). 31. Rural Education (W). 36a. Historic Foundation of Modern Education (H). 36b. Same, continued (H). 37a. Public Education in the United States (H). 37b. Same, continued (H). 42a. The Public School Principalship (H). 42b. Same, continued (H). 46a. Classroom Management (H). 46b. Same, continued (H). 51a. Principles of Secondary Education (H). 51b. Same, continued (H). 52a. General Methods in Secondary Education (H). 52b. Same, continued (H). 62a. Tests and Measurements in Elementary Education (H). 62b. Same, continued (H). 74a. Materials and Methods of Teaching High School History (H). 74b. Same, continued (H).

Normal School Division

For courses offered and credit given in primary and grammar grade work please write for catalogue, addressing the Bureau of Correspondence Study.

*Division of Elementary School Education

Education

60X. Curriculum Construction (W). 63a. The Psychology of Elementary Education (H). 63b. Same, continued (H). 82Pa. Reading and Study Habits for the Primary Grades (H). 82Pb. Same, continued (H). 82Ga. Reading and Study Habits for the Grammar Grades (H). 82Gb. Same, continued (H). 83xb. Materials and Methods of Teaching Natural Science (H). 84Pa. Arithmetic-Primary Number and Projects (H). 84Ga. Arithmetic for the Grammar Grades (H). 84Gb. Language and Composition for Grammar Grades (H).

English

xa. Children's Literature (H). xb. Same, continued (H).

Natural Science

1xa. Natural Study (H). 1xb. Same, continued (H). 2xa. Nature Study (H). 2xb. Same, continued (H). 3xa. Geography (H). 3xb. Same, continued (H).

Hygiene and Health Education

3x. School Hygiene and Health Education (H).

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* The work listed below under this division carries credit towards the degree of A.B. in Education (Elementary) and towards no other degree.

Social Science

1xa. Problems of Citizenship (H). 1xb. North Carolina History (H).

ENGLISH

1. Freshman English (W). 3. Sophomore English (W). 4. Sophomore English (W). 6. Business English (H). 8a. Modern Drama (H). 8b. Same, continued (H). 9. The Contemporary American Short Story (H). 11a. The Teaching of Literature (H). 20. English of Commerce (W). 23. The Short Story (W). 31a. Dramatic Composition (H). 31b. Same, continued (H). 37. Shakespeare: The Comedies (W). 38. Shakespeare: The Tragedies (W). 59. American Literature (W). 66. The Nineteenth Century Novel (W). 75. Restoration and Eighteenth Century Drama (W).

FRENCH

4. French Composition (W). 5. Introduction to French Literature (W). 6. Modern French Literature (W).

GEOLOGY

1. Introduction to Geology (W). 21. Industrial and Commercial Geography (W). 22. Industrial and Commercial Geography (W).

GERMAN

3. Intermediate Course (W). 4. Intermediate Course (W). 21. Advanced German (W).

GOVERNMENT

1. Comparative Government, Part I (W). 2. Comparative Government, Part II (W).

HISTORY

1. Foundations of Modern History, Part I (W). 2. Foundations of Modern History, Part II (W). 3. English History, Part I (W). 4. English History, Part II (W). 14. Modern European History (W).

LATIN

1x. Readings in Roman Literature (W). 3. Latin Poetry (W). 8. Latin Composition (W).

MATHEMATICS

1. Mathematical Analysis Part I (W). 2. Mathematical Analysis Part II (W). 3. College Algebra (W). 4. Trigonometry (W).

MUSIC

1a. Theory of Music (H). 1b. Same, continued (H). 10. History of Music, Part I (H). 11. History of Music, Part II (H). 20. Harmony (H). 21. Harmony (H). 22. Harmony (H).

PSYCHOLOGY

1x. General Psychology (W). 2x. General Psychology (W).

RURAL SOCIOLOGY

1. Rural Economics (W). 3. History of Agriculture (W). 5. Rural Sociology (W). 15. The Rural County and Its Institutions (W). 20. North Carolina: Economic and Social (W).

SOCIOLOGY

1. Introduction to Sociology (W). 4a. Educational Sociology (H). 4b. Same, continued (H). 8. Community Organization (H). 10a. The Study of Social Problems (H). 10b. Same, continued (H). 11a. The Family (H). 11b. The Family (H). 12. Crime and Its Social Treatment (W). 16a. Social Work and Public Welfare (H). 16b. Same, continued (H). 23. The Theory of Play and Recreation (H). 24. The Practice of Play and Recreation (H). 25. Extra-Curriculum Activities in the School Community (H).

SPANISH

3. Spanish Composition (W). 4. Spanish Composition (W). 5. Introduction to Spanish Literature (W). 6. Modern Spanish Literature (W).

EXTENSION LIBRARY SERVICE

The aim of the Extension Library Service is to encourage discussion of current political, social, and economic problems, as well as to assist in the study of good literature. Reference material is supplied for such study.

The Women's Clubs Section renders assistance with programs and reference material, usually of a literary nature, to women's clubs and study groups, for which service a small charge is made. The Package Library Section renders assistance to schools, both to students and teachers, as well as to other individuals not organized in group study, for which service no charge other than postage is made. This material is usually on current problems of a political, social, or economic nature. The Home Reading courses of the U. S. Bureau of Education are distributed in North Carolina through this bureau.

BUREAU OF LECTURES, SHORT COURSES, AND RADIO

The University conducts a lecture bureau for the purpose of aiding schools, women's clubs, civic clubs, and other organizations in obtaining speakers. Addresses for special occasions, such as school and college commencements, are also arranged upon application.

No fee for lecture service is charged, but the traveling and incidental expenses of the lecturer are defrayed by the organization for which the lecture is made.

The Division publishes a bulletin containing full information as to subjects and lectures.

From time to time the University has held at Chapel Hill short courses or institutes for various organizations and groups. These consist in an intensive training program or course ranging in duration from one day to two weeks. The program is composed of a specialized series of lectures, discussions, and demonstrations directed by leading speakers and teachers secured from the faculty of the University and from the state and nation. Short courses

have been offered to high school athletic coaches, welfare workers, parents, secretaries of chambers of commerce, police officers, and members of the state press association.

In addition to those mentioned above, the University Extension Division will be glad to aid other organizations or groups in arranging for a short course, institute, special meeting, or convention.

The University of North Carolina Hour is arranged weekly in coöperation with radio station WPTF, Raleigh.

BUREAU OF COMMUNITY DRAMA

The services of the Bureau of Community Drama are available to all schools, colleges and communities throughout the State of North Carolina. Suggestions and advice on play production, and aid in solving any particular problem of the director of dramatics may be obtained from this bureau.

The State Representative will be glad to assist any group in organizing, in play selection, in the designing and making of scenery, in costuming, and in make-up and lighting. If desired, she will also assist in the personal direction of a chosen play.

The library of the Bureau of Community Drama has at its disposal more than two thousand volumes of play books, books on acting, play-production, little theatre organization, play writing, stagecraft, lighting, costuming, make-up, etc. These are loaned free of charge upon payment of the postage.

By giving practical assistance to those interested in writing and producing plays, the bureau is seeking to promote and encourage dramatic art in the schools and communities of North Carolina, and to stimulate interest in the writing of native drama.

BUREAU OF COMMERCIAL AND INDUSTRIAL RELATIONS

This bureau is under the supervision of the School of Commerce of the University. The members of the staff are glad to coöperate with the manufacturing, banking, and commercial interests of the state in the solution of any problems which may be brought to their attention. Laboratories, statistical information, research methods, interpretative devices, and expert opinion are available for use by any worthy individual or organization. Problems may be submitted for study and opinion, or arrangements may be made for a member of the staff to visit the establishment or community for first hand observation and study.

BUREAU OF COMMUNITY MUSIC

The Department of Music offers the following services: (1) Leadership for community sings; (2) formation of community choruses; (3) lectures on public school and community music; (4) piano and organ recitals.

The State Representative is available for advisory service in the field of public school music.

BUREAU OF VISUAL INSTRUCTION

The service of this bureau is gradually being developed to include loan to schools, county groups, and individuals of the following visual aid materials: lantern slides, educational films, charts, and instructional exhibits. Lantern slides which parallel the state course of study are being assembled for classroom use in the public schools.

At present nearly four thousand lantern slides are available. A list of subjects will be sent upon request.

BUREAU OF MUNICIPAL AND COUNTY GOVERNMENT RESEARCH AND INFORMATION

This bureau answers specific inquiries with reference to legislation, charters, and other matters covering city, town, and county government. Through the Library Extension Service bibliographies, reading lists, and books on municipal subjects are loaned. The bureau also undertakes to advise town and city officials concerning specific problems, and to direct them to sources of assistance.

BUREAU OF ECONOMIC AND SOCIAL SURVEYS

Before a definite movement is inaugurated to upbuild a county or community from an economic and social standpoint it is necessary to have at hand an accurate summary of existing facts. What is known as the "social survey" is the best method of securing such facts.

For years the Department of Rural Social-Economics of the University has been collecting data on social and economic conditions in North Carolina. This material is available through loans from the library, articles in the *University News Letter,* and bulletins which record the results of a number of county economic and social surveys. The *University News Letter,* which is edited by this department, appears twenty-five times each year.

BUREAU OF RECREATION

This bureau offers service in recreation and physical education. The School of Public Welfare is in charge of this work. Bibliographies and reading lists on the subjects of sociology, community organization, etc., are provided upon request.

BUREAU OF HIGH SCHOOL DEBATING AND ATHLETICS

The University Extension Division through this bureau offers service to the high schools of the state by means of contests in debating, athletics, and in academic subjects.

The High School Debating Union of North Carolina is the medium through which assistance in debate is offered. This organization was established in 1912-1913. Two hundred high schools, grouped in triangles, discuss some important question each year. The schools winning both debates send their teams to the University to compete during High School Week in the final contest for the Aycock Memorial Cup.

The High School Athletic Association of North Carolina is the agency through which assistance in athletics is offered. This association conducts state high school contests in football, basketball, baseball, track, soccer, and tennis. The high schools compete in groups for the honor of representing the eastern and western sections of the state, and the teams winning the sectional contests meet at Chapel Hill in the finals. There are 324 members of this association.

The high school contests in academic subjects are conducted jointly by this bureau and by the University departments concerned. High school contests are conducted in Latin, Spanish, French, and mathematics. High school newspaper, magazine, and essay contests are conducted also.

BUREAU OF EDUCATIONAL INFORMATION AND ASSISTANCE

The bureau is maintained through the coöperation of the School of Education. The several members of the faculty of the School offer to the state the following lines of service: educational tests and measurements; school surveys; teachers' appointments; advice and counsel with reference to school buildings, equipment, and general administrative problems.

Address all inquiries to:

THE UNIVERSITY EXTENSION DIVISION
Chapel Hill, N. C.

PART FIVE

THE SCHOOL OF LAW
THE SCHOOL OF MEDICINE
THE SCHOOL OF PHARMACY

THE SCHOOL OF LAW

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
CHARLES TILFORD MCCORMICK, A.B., LL.B., *Dean.*

*THE ADMINISTRATIVE BOARD

HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*
ROBERT DIGGS WIMBERLY CONNOR, Ph.B., *Kenan Professor of History and Government.*
DUDLEY DEWITT CARROLL, M.A., *Professor of Economics.*
ATWELL CAMPBELL MCINTOSH, A.M., LL.D., *Professor of Law.*
ROBERT HASLEY WETTACH, A.M., LL.B., S.J.D., *Professor of Law.*
MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law*

SPECIAL STAFF

ATWELL CAMPBELL MCINTOSH, A.M., LL.D., *Professor of Law.*
PATRICK HENRY WINSTON, *Professor of Law.*
ROBERT HASLEY WETTACH, A.M., LL.B., S.J.D., *Professor of Law.*
CHARLES TILFORD MCCORMICK, A.B., LL.B., *Professor of Law.*
**ALBERT COATES, A.B., LL.B., *Professor of Law.*
MILLARD SHERIDAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*
MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law.*
FREDERICK BAYS MCCALL, A.B., LL.B., *Associate Professor of Law.*

GENERAL STATEMENT

History.—The law school, which developed into the School of Law of the University, was founded in 1843 at Chapel Hill as a private school by William H. Battle, then a judge of the Superior Court, later a justice of the Supreme Court of the State. In 1845 Judge Battle was made Professor of Law in the University, and it was provided that the degree of Bachelor of Laws should be conferred on those completing the prescribed two-year course. From

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
** Absent on leave, 1929-1390.

the records of the University, however, it seems that few degrees were actually conferred. For a long time the school maintained a certain independence of the University. The Professor of Law received no salary, though he enjoyed the fees from his classes, and the students were not entirely subject to the discipline of the University.

This was the position of the school from its formation until 1899, a period which covered the professorship of Judge Battle who retired in 1879, two years when the law classes were conducted by Hon. Kemp P. Battle, then President of the University, and the professorship of Dr. John Manning, elected 1881, died 1899. In 1899 the school was completely incorporated into the University, with the late Judge James C. MacRae, previously a justice of the Supreme Court of North Carolina, as the first Dean of the Law School.

Approval by the American Bar Association.—The American Bar Association has fixed certain standards which, in its opinion, should be observed by law schools in the preparation of applicants for admission to the practice of law, and the schools, conforming to the standards are classed as "approved law schools." Such schools require at least two years of college study for entrance followed by a three year course for full time, and a longer course for part time students, and must have a sufficient number of teachers devoting their entire time to the school and an adequate library for the use of its students.

The University of North Carolina School of Law has complied with these requirements and is one of sixty-five schools classed as "approved law schools."

Member of the Association of American Law Schools.—The School of Law is a member of the Association of American Law Schools, an association composed of sixty-two of the leading law schools in the United States, and including the law schools of such Universities as Harvard, Yale, Cornell, and Chicago. The object of this association is to improve legal education in America, and member schools are required to maintain certain high standards relating to entrance requirements, faculty, library, and curriculum.

Registered Under New York Regent's Rules.—A carefully compiled list of approved law schools, whose credits are acceptable as evidence of due preparation for the New York Bar Examinations, is published by the University of the State of New York. The School of Law is accredited in this list for the full three years' work.

REQUIREMENTS FOR ADMISSION

The Registrar passes upon all applications for admission, and all inquiries as to eligibility to enter should be addressed to him.

Those who intend to enter must furnish to the Registrar (a) a certificate of successful vaccination against smallpox, and (b) a certificate showing the completion of a four years' high school course of fifteen units and the completion of not less than two years of college work (see below), which must be approved by the Registrar. These certificates should be sent by mail to the Registrar at least two weeks before registration day, if possible.

The academic requirements for admission to the School of Law may be satisfied by:

(1) An *academic degree* from the University of North Carolina or any other standard college or university approved by the Registrar.

(2) *Three years* of academic work prescribed in the "Combined Courses in Arts and Law" or in "Commerce and Law" as described below.

(3) *Two full years* of regularly prescribed work counting towards a degree (a) in the College of Liberal Arts, the School of Commerce, or the School of Education, in this University, or (b) in some other standard college or university.

(4) The *two-year pre-law course,* in the College of Liberal Arts, *which is strongly recommended by the law faculty as the course best adapted for those devoting only two years to college work.* It is as follows:

FIRST YEAR	SECOND YEAR
English 1, or 1a and 1	Two courses of English 3, 4, 5, or 21 in the discretion of the Dean of the College
Mathematics 1-2	Government 1, and one from 2, 35, or 47.
History 1-2	Economics 1-2
Two courses in a natural science	History 3-4 (English) or 7-8 (American) or Psychology 1-2
*Two courses in a foreign language (French, Latin, German or Spanish)	Another course in the same foreign language

Special Students

A limited number of special students, not candidates for a degree, with less than the required two years of academic training may be admitted. They must be at least twenty-three years of age and must furnish evidence to satisfy the law faculty that their experience and training have specially equipped them to engage successfully in the study of law despite the lack of the required college credits. The number of such special students admitted each year may not exceed ten per cent of the average number of

* The total requirement in foreign language is three courses of collegiate grade based upon at least two units completed in high school or the equivalent in the elementary courses taken here.

students admitted by the school as beginning regular law students during the two preceding years.

Admission to Advanced Standing

A student from another school of law, in which the requirements for admission are at least as high as in this school, may be admitted to advanced standing for the degree of LL.B. As a rule no more than one year's work will be so credited without residence, but with the consent of the law faculty two years' work may be credited in exceptional cases, provided the last year of work for the law degree is done in residence. A student seeking admission to advanced standing must present satisfactory evidence that the work taken in another school is substantially equivalent to that given in the corresponding year here, both in the character of the work covered and in the amount of time devoted to each subject.

EXPENSES

See page 61.

DEGREES

The Degree of LL.B.

The degree of Bachelor of Laws (LL.B.) is conferred upon a regular student who has studied law for a period of at least three academic years and passed satisfactory examinations on all required subjects and enough elective subjects to make up an aggregate of seventy-eight semester hours. Two long sessions and three summer sessions of at least ten weeks each are regarded as a compliance with the residence requirement.

The Degrees of A.B. and LL.B.

The University offers a combined course in the College of Liberal Arts and in the School of Law by completing which students may receive the two degrees of A.B. and LL.B. in six years instead of the seven years required for the two degrees in the regular course.

Upon the completion of the courses in the College of Liberal Arts outlined below, before matriculation in the School of Law, and the completion of the first year of Law, students may receive the degree of A.B., and upon the completion of the third year of Law, the degree of LL.B.

Prescribed courses in the College of Liberal Arts for the two degrees of A.B. and LL.B.:

FIRST YEAR	SECOND YEAR	THIRD YEAR
Eng. 1	Eng. 3, 4, 5—select two	Econ. 1-2
Math 1-2	Hist. 3-4 or 7-8	Psychology 1-2
Hist. 1-2		**English—2 courses
Select two: Greek 3-4, French 3-4, German 3-4, *Latin 1-2, Spanish 3-4	Select two: *Latin 3, 5; Greek 5; French 5; German 21; Spanish 5	***Hist. and Gov't.—2 courses
	Select one: Botany 1-2; Chem. 1-2; Physics 1-2; Zoölogy 1-2; Botany 1 and Zoöl. 1; Geology 1-2	*One Elective

The foregoing academic curriculum requires at least *three* courses in each of *two* foreign languages. Instead of this requirement the student is allowed the option of completing *five* courses in one such foreign language. In case this option is taken, it is advisable that the courses in science shown in the second year be taken in the first year, and that Economics 1-2 be shifted similarly from the third year to the second year. This arrangement necessitates also some obvious changes in the electives.

The School of Law suggests the courses named below as suitable electives in this course, but choice is not restricted to these. English 6, 17, 21, 22, 23; Psychology 38 (Legal Psychology), 40; History 59, 60; Economics 10, 11, 40; Sociology 10, 12.

The A.B. degree, on this basis, is conferred at the end of the fourth year (first year in Law) provided the student has satisfactorily passed all the work of the first year of Law.

The Degree of S.B. in Commerce and LL.B.

The University offers a combined course which leads to the degree of S.B. in Commerce at the end of four years and LL.B. at the end of six years.

The first three years of this combined course are in the School of Commerce and are devoted to the subjects outlined below. The last three years are in the School of Law and are devoted to the courses prescribed for the LL.B. degree.

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* Latin 1, 2, 3, 5 are to be taken by students who have presented only two units for entrance. In case the student is required to pursue only Latin 3, 5 or 2, 3, 5, the number of electives is increased to make up the difference. In every case 27 courses of college grade must be completed.

** The School of Law recommends that at least one of these courses be advanced composition, Eng. 21.

*** The School of Law recommends that the courses in History and Government be courses in English and American History or Government.

The degree of S.B. in Commerce, on this basis, is conferred at the end of the fourth year (first year in Law) provided the student has satisfactorily passed all the work of the first year of Law.

Prescribed courses in the School of Commerce are as follows:

FIRST YEAR

English 1
Mathematics 1-2
History 1-2
*Modern Language: two courses
Geology 5
Commerce A

SECOND YEAR

Economics 1-2
English 3, 4, 5—select two
*Modern Language: one course
Government 1
Natural Science: two courses
Economics 5 or History 65
English 21 or English 16-17-18

THIRD YEAR

Psychology 1-2 or Education 1 and 20
Economics 10-11
Commerce 1-2
Commerce 10
Economics 30 or
Economics 40
Two courses chosen from the courses offered by the Department of Economics and Commerce

The Degree of J.D.

The degree of Doctor of Law (J.D.) will be conferred upon students who comply with all the following conditions:

1. Complete the work requisite for the A.B. degree or its equivalent before entrance upon the work of the School of Law.
2. Study law for a period of at least three academic years.
3. Obtain an average grade of B on all required subjects and enough elective subjects to make up an aggregate of 78 semester hours.
4. Prepare and have accepted for publication in *The Law Review* an article of at least ten pages, or case notes which in the aggregate shall be at least eight pages in length.

The Degree With Honors

The degree with honors will be conferred, upon recommendation of the faculty, upon students selected from the highest one-tenth of the graduating class.

EXAMINATIONS, GRADES, ELIMINATION, ABSENCES

EXAMINATIONS. Preliminary hour examinations are held in each course in November, and also at the end of the first semester hour examinations are given in all courses running through the year. Individual research assignments may be substituted for preliminary examinations. Final examinations are held at the end of the first semester in the subjects which are then completed, and at the close of the year in all other subjects.

* The total requirement in modern language is three courses of collegiate grade based upon 2 units completed in high school or the equivalent in the elementary courses taken here.

GRADES. The grading of students will be indicated by the letters A, B, C, D, and F, representing respectively excellent, good, satisfactory, fair, and failed. A student receiving the grade of F (failed) in any subject will be required to repeat the course. Full credit may not be secured for more than ten semester hours of D grade work in one long session nor for D grade work in more than one-half the hours taken in a summer session. D grade work in excess of these amounts will carry only one-half the usual credit towards a degree.

ELIMINATION OF STUDENTS. A student must obtain a grade of D or better in at least two-thirds of the total number of semester hours for which he registers, and any student who fails to do so shall thereby automatically be excluded from further work in the school. Likewise, the faculty may drop from the school at any time a student who, in their judgment, is not making sufficient progress to warrant his continuing in the school.

Any instructor, with the concurrence of the Dean, may drop a student from a course at any time, for unsatisfactory work, poor attendance, or other good cause.

REDUCED CREDIT FOR ABSENCES. If a student has as many as 16 absences during a semester, one-fourth of a semester hour shall be deducted from the total credit allowed for the semester, and for each additional four absences during the semester an additional deduction of one-fourth of a semester hour shall be made.

NUMBER OF HOURS OF WORK REQUIRED AND PERMITTED

The normal amount of work is thirteen or fourteen class hours a week. Not more than fifteen hours of law work may be taken, nor if academic work is being taken at the same time, may more than twelve hours of law be taken with one academic course.

No student taking fewer than ten hours weekly will be considered as studying law within the rules of the Supreme Court which requires of applicants for license to practice in North Carolina two years of study of law as a necessary preliminary.

DIVISION OF ACADEMIC YEAR: DATES

Work in the School is divided into two semesters instead of into three quarters. The first semester begins at the same time as the fall quarter of the College of Liberal Arts, and ends on the last Saturday in January. The second semester begins on Monday after the last Saturday in January and ends at the same time as the third quarter of the College of Liberal Arts. The first day of each semester is Registration Day. The fee for late registration in either semester is $5.00.

METHOD OF INSTRUCTION

In its teaching the School of Law has adopted the method used in the leading schools in this country. This is called the "case-method" because the starting-point is the statement in class by the students of the results of their independent analysis of actual decisions. These are selected so as to reveal the fundamental principles of a given subject, as they have been developed in the settlement of actual human controversies. The cases thus stated are the basis for an active discussion by the class, under the guidance of the instructor, of the practical applications of the doctrines so revealed. This is supplemented by assigned readings in the state and federal statutes, and in standard textbooks and periodicals. During the fifty years during which this method has gradually won acceptance in practically all the standard schools, experience has shown that it gives training in the analysis of the actual problems that are presented to a lawyer and promotes accuracy of thought, readiness of statement, and a vivid and retentive perception of legal principles more completely than the methods previously in vogue in which the student played the passive part of accepting the law as handed down in lectures.

STUDENTS FROM OTHER STATES

While greater emphasis is placed upon North Carolina decisions and statutes than upon those of any other states, the legal doctrines are studied as part of the Anglo-American common law system and the case-books used are selections of cases taken from all the common law jurisdictions. Students from other states are encouraged to investigate the decisions and statutes of their own states in regard to the questions discussed, and the law library provides the materials necessary for such investigation. The law course as a whole is designed to prepare the student in the fundamentals of the common law in such a manner as to fit him for practice in any state.

AIM OF THE SCHOOL

The aim of the school is to develop competent lawyers and not merely to prepare students for the bar examination, though our graduates have been consistently successful in passing the examinations in this and other states. The course extends over three years, and subjects are offered in what seems the most advantageous sequence. Students are required to follow the order of the curriculum and one who stops before completing it will not have a comprehensive or adequate legal education.

SUBJECTS OF INSTRUCTION

Certain subjects offered in the School of Law are approved by the Graduate School as minors for advanced degrees.

All subjects in the first year are prescribed. Those in the second and third year are elective, but second-year students may not elect third-year subjects except by permission of the Dean.

First Year

CONTRACTS

The formation, construction, operation, and performance of contractual obligations, including offer and acceptance, consideration, seals, the Statute of Frauds, conditions, discharge, third party beneficiaries, assignments, joint contracts, and effect of illegality. Corbin's *Cases on Contracts. Four hours a week, first semester; two hours a week, second semester.* Professor Van Hecke.

TORTS

Principles of tort liability as developed in the action of trespass; justification and excuse; negligence as a basis of liability; common law and statutory duties of care; legal cause; contributory negligence; absolute liability; deceit; defamation; malicious prosecution and abuse of process; interference with social and business relations. Bohlen's *Cases on Torts* (2d ed.). *Three hours a week, first semester; two hours a week, second semester.* Professor Wettach.

PROCEDURE I

This is an introductory course on procedure at common law. Its purpose is to acquaint the student with the court system and to give him an elementary view of methods of trial and appeal, with a fairly detailed study of the forms of action and fundamental principles of pleading. Cook and Hinton, *Cases on Common Law Pleading,* and Morgan's *Introduction to the Study of Law. Three hours a week, first semester.* Professor McCall.

PERSONAL PROPERTY

The nature of possession; rights based upon possession, tenants, bailees, finders. Acquisition of title to chattels without the consent of the owner, bona fide purchase, limitations, accession, tortious confusion. Gifts *inter vivos.* Distinction between sale and bailment. Liens and pledges. Conversion. Edward Warren's *Cases on Property. Three hours a week, first semester.* Professor McCormick.

LEGAL BIBLIOGRAPHY

A practical course in the use of law books. The briefing of cases in preparation for arguments in the law clubs constitutes part of the work of the course. The problems assigned require the student to familiarize himself with the method of finding authorities upon concrete fact situations, through the use of digests, encyclopedias, textbooks, annotated cases, and constitutional and statutory sources. *One hour a week, first semester.* Professor Van Hecke.

READING COURSE

Described on page 292. *One hour a week, both semesters.* Faculty of the School.

AGENCY

Distinction between agency and other legal relationships. Express, implied, and apparent authority of agent; liability of disclosed and undisclosed principal to third party in contract and in tort; liability of agent to third party and of third party to principal and agent; ratification of unauthorized acts; termination of agency. Assigned problems will also be given in the law of Workmen's Compensation. Mechem's *Cases on Agency* (2d ed.). *Three hours a week, second semester.* Professor Breckenridge.

CRIMINAL LAW

Introduction: the problem of criminal justice. The history of criminal procedure, nature and elements of a crime, act and intention. Attempts, jurisdiction, consent, recrimination and condonation, culpability as affected by necessity, duress, coverture, infancy, insanity, etc. Justification and excuse: self-defense. Parties. Criminal conspiracy. Former jeopardy. Specific crimes: homicide, rape, assault, larceny, embezzlement, false pretenses, receiving stolen property, robbery, burglary, arson, forgery, perjury. Sayre's *Cases on Criminal Law. Four hours a week, second semester.* Professor Coates. (Omitted 1929-30, will be given 1930-31.)

CARRIERS

The history and development of the obligations of carriers and other public servants; the nature of the undertakings of carriers of passengers and freight; limitation of liability; connecting carriers; charges and liens. Beale's *Cases on Carriers* (2nd ed.). *Three hours a week, second semester.* Professor McIntosh.

REAL PROPERTY

Tenure, estates, joint and common ownership, reversions and remainders. Seisin and disseisin. Common law methods of creating and transferring estates. Rents. The statute of uses. Rights in the land itself and in air and water, incident to ownership. Fixtures. Emblements. Waste. Profits, easements, and covenants. Edward Warren's *Cases on Property. Three hours a week, second semester.* Professor McCall.

Courses Open to Second and Third Year Students

PROCEDURE II

The course is designed to cover the proceedings in an action under the code system, with the exception of the actual trial. It covers the commencement of actions, special proceedings and provisional remedies, pleading, judgments and their enforcement, appeal and error. Hinton's *Cases on Code Pleading* (2nd ed.), and assigned readings. *Four hours a week, first semester.* Professor McIntosh.

DOMESTIC RELATIONS AND LAW OF PERSONS

Marriage. Divorce and separation. Parent and child. Infancy. Insanity. Woodruff's *Cases on the Law of Domestic Relations and Persons* (3rd ed.). (Omitted 1929-30). *Three hours a week, first semester.* Professor McIntosh.

MUNICIPAL CORPORATIONS

Origin and history of municipal corporations; municipal officers; municipal legislation; powers of municipalities; revenue; indebtedness; contracts; property rights; municipal liability for injuries. Locke's *Cases on Municipal Corporations. Three hours a week, first semester.* Professor McIntosh.

NEGOTIABLE INSTRUMENTS

Form and content of checks, drafts, notes, and trade acceptances; their rise in the business and banking fields, negotiability, acceptance and certification; rights of holders in due course and liability of parties; clearance and collection of checks, presentment, notice of dishonor; the provisions of the Negotiable Instruments Law. Britton's *Cases on Bills and Notes. Four hours a week, first semester.* Professor Breckenridge.

SURETYSHIP

The law of suretyship and guaranty, especially with reference to modern developments in connection with corporations acting as surety. Arant's *Cases on Suretyship. Two hours a week, first semester.* Professor Winston.

REAL PROPERTY II

Title by limitation. The form of conveyances, descriptions, estates, landlord and tenant, creation of easements and profits, covenants for title. Execution of deeds. Registration. Estoppel by deed. Dedication. Joseph Warren's *Cases on Conveyances. Four hours a week, first semester.* Professor Coates.

INSURANCE

A study of the history and fundamental principles of marine, fire, and life insurance. Special attention is given to the standard fire insurance policy and to preparation for insurance business and practice. Woodruff's *Cases on Insurance* (2nd ed.). *Three hours a week, first semester.* Professor Winston.

CRIMINAL PROCEDURE

Criminal Jurisdiction, Venue, Arrest, Preliminary Examination, Bail, Methods of Prosecution, Grand Jury, Indictment and Information, Trial, Appeal. Keedy, *Cases on the Administration of Criminal Law;* and The American Law Institute's *Code of Criminal Procedure.* (Omitted 1929-30). *Two hours a week, first semester.* Professor Coates.

ADMINISTRATION OF JUSTICE

A seminar course, meeting once each month, for the discussion of present day problems in judicial administration. Among the problems to be considered are: the unification of courts; functioning of incorporated bars; selection, tenure, and compensation of judges; modification of the jury system; arbitration and conciliation; control of procedure by (a) legislatures, (b) courts, and (c) judicial conferences; uniform systems of judicial reports and statistics. Each member of the faculty will be responsible for supervising investigation of one of these subjects by a group of students and will have charge of one of the monthly meetings. *One hour a week, both semesters.* Entire faculty of school.

FEDERAL PROCEDURE

Nature, sources and extent of the Federal Judicial power; State laws as rules of decisions; the Conformity Act; distinctions between law and equity; District Courts; Removal of Causes; Jurisdiction of Circuit Courts of Appeals and Supreme Court. Medina's *Cases on Federal Jurisdiction and Procedure. Three hours a week, second semester.* Professor McIntosh.

SALES

Subject-matter of sale; executory and executed sales; bills of lading; stoppage *in transitu;* overdue paper; fraud; factors' acts; warranty and remedies for breach of warranty. Woodward, *Cases on Sales* (2nd ed.). *Four hours a week, second semester.* Professor Breckenridge.

EQUITY

The relations between legal and equitable remedies, historically and under modern codes; the subject-matter of equitable relief, and the enforcement of equitable decrees, with particular reference to injunctions against torts and crimes and the specific performance of contracts. Durfee's *Cases on Equity. Four hours a week, second semester.* Professor Van Hecke.

WILLS

The substantive and adjective law of wills, including descent and the administration of estates. Costigan's *Cases on Wills. Three hours a week, second semester.* Professor Winston.

MORTGAGES

The nature of a mortgage; equitable mortgages; restrictions on redemption; priorities; transfer of mortgagor's and mortgagee's interests; subrogation; marshalling assets; foreclosure. The Uniform Mortgage Act. Park's *Cases on Mortgages. Three hours a week, second semester.* Professor Winston.

DAMAGES

Nominal and exemplary damages. Compensatory damages: direct and consequential damages, avoidable consequences and mitigation. Certainty. Liquidated damages. Value. Interest, expenses, and counsel fees. Damages in particular types of actions. Crane's *Cases on Damages. Two hours a week, second semester.* Professor McCormick.

Courses Open to Third Year Students Only

TRADE REGULATIONS

Contracts in restraint of trade and competition; monopolies, the federal and state anti-trust acts; unfair business practices at common law, in equity, and under the Trade Commission Act of 1914. Independent research by the students will be required. Admission to the course only by permission of the instructor. Oliphant's *Cases on Trade Regulations. Three hours a week, first semester.* Professor Breckenridge.

PARTNERSHIP

A complete study of the law of partnership in all its branches, including the limited partnership. Gilmore's *Cases on Partnership. Three hours a week, first semester.* Professor Winston.

CONSTITUTIONAL LAW

A brief course in the elements of Federal Constitutional Law, including the constitutional limitations and guarantees with regard to the impairment of contracts, due process, and the equal protection of the laws. Interstate commerce clause. The police power. The power of taxation and eminent domain. Long's *Cases on Constitutional Law. Two hours a week, both semesters.* Professor Wettach.

TRUSTS

The historical development of the trust; the settlor; the creation of the trust relation; the cestui que trust; the trustee; the subject-matter of the trust; the administration of the trust; creditors' rights; tracing, preference and priorities; modification and termination. Costigan's *Cases on Trusts,* and assigned problems. *Four hours a week, first semester.* Professor Van Hecke.

TRIAL AND OFFICE PRACTICE

Described on page 294. Assigned readings, records, and other material. *Four hours a week, first semester.* Professor Coates.

EVIDENCE

Judicial notice. Presumptions and burden of proof. Functions of court and jury. Witnesses: examination, competency, and privilege. Rules of exclusion: evidence illegally obtained; the Hearsay Rule and its exceptions. Rules as to writings: evidence of authenticity; Best Evidence rule; Parole Evidence rule. Opinion evidence. Remote and prejudicial evidence. Character and reputation. Separate credit may be secured for first semester. Thayer's *Cases in Evidence* (edited by Maguire). *Three hours a week, first semester; two hours a week, second semester.* Professor McCormick.

CONFLICT OF LAWS

This course treats of the principles of international private law; jurisdiction, particularly in connection with the effect of foreign judgments; the applicability of rules derived from foreign or extra-state law in respect to procedure, torts, contracts, quasi-contracts, and domestic relations; and the creation, transfer, etc., of all forms of property. Lorenzen, *Cases on Conflict of Laws* (2nd ed.). *Three hours a week, second semester.* Professor Wettach.

ADMINISTRATIVE LAW

The law of administrative agencies, both state and federal, such as the county commissioners, corporation commission, interstate commerce commission, etc. Freund's *Cases on Administrative Law* (2nd ed.). (Omitted 1929-30). *Three hours every week, second semester.* Professor Winston.

CORPORATIONS

The nature of a corporation; promotion of corporations; corporate powers; corporate liability for torts and crimes; unauthorized corporate action, including doctrines of *de facto* corporations, and *ultra vires* acts; officers, stockholders, and creditors of corporations; reorganization of corporations. Warren, *Cases on Corporations* (2nd ed.). *Four hours a week, second semester.* Professor Breckenridge.

LEGAL ETHICS

Required for the degree for those completing work after February, 1929. The history and organization of the legal profession in England and the United States. The lawyer's qualifications. The admission and discipline of lawyers. The ethical duties of lawyers to courts. Ethics of legal employment in general. Solicitation of legal business. The ethical duties of lawyers in criminal and civil cases. Pecuniary relations of lawyers and clients. Costigan's *Cases on Legal Ethics. One hour a week, second semester.* Professor McCormick.

READING COURSE

In addition to the regular classwork and collateral reading, it is the aim of the School to develop the habit among the students of frequent informal conferences with faculty members over the difficulties and problems which are encountered in their studies. It is believed that this personal contact between student and teacher, which is no longer possible in the larger schools, is of inestimable value and will foster some of the professional spirit that was

engendered by the former association between lawyer and student in the days when legal instruction was secured in law offices. To this end a reading course has been introduced for first-year students. This course will consist solely of the reading of books designed to acquaint the student at the outset with some of the history, general ideas, outstanding personalities and rich literature of the law. The students will be divided into small groups, each of which will be assigned to a different professor as adviser, with whom individual conferences on the readings will be held. A typical selection would be as follows:

(1) Morgan: *Introduction to the Study of Law.*
(2) Potter: *Introduction to English Legal History.*
(3) Legal Biography: Volume I, *Select Essays in Anglo-American Legal History,* "The Five Ages," p. 625, and "An American Law Student," p. 837; *Great American Lawyers,* any three of the following biographies, Wirt, Ellsworth, Choate, Story, Mason, Prentiss, Jeremiah Black, and Luther Martin; *History of North Carolina Supreme Court,* 177 N. C. 617.
(4) Pound: *The Spirit of the Common Law.*
(5) Pollock: *A First Book of Jurisprudence.*
(6) Hohfeld: *Fundamental Legal Conceptions* (introduction and first two essays).
(7) Cardozo: *The Nature of the Judicial Process.*
(8) Holmes: *Collected Legal Papers.*

THE SUMMER SCHOOL

The summer school in law offers opportunity for the students to supplement the work of the long session by taking additional courses, some of which are not given in the long session, or to shorten the period of study by completing the work for the law degree in two long sessions and three summer sessions. It has been the practice to secure distinguished judges and law teachers from other institutions as visiting professors in the summer school. Among these have been Chief Justice Walter P. Stacy and Associate Justices George W. Connor and W. J. Brogden of the Supreme Court of North Carolina; Professor A. L. Green, Yale University; Dean Young B. Smith, Columbia University; Dean J. L. Parks, University of Missouri; Professor Edmund M. Morgan, Harvard University; Professor Wesley A. Sturges, Yale University; and Professor J. W. Madden, University of Pittsburgh. A bulletin announcing the courses to be given in the summer of 1930 will be issued early in that year.

THE LAW BUILDING

The School of Law occupies Manning Hall, named for the late Dr. John Manning, formerly a distinguished professor in the school. The building was erected in 1923, and besides being modern and commodious, is particularly notable for beauty of design.

THE LAW LIBRARY

The library is an extensive one of 21,300 volumes. It includes the reports of the courts of last resort of all the states, either in official volumes or the National Reporter System, The United States Supreme Court Reports, The Federal Reporter, The New York Supplement, Illinois Appellate Reports, The English Reports Reprint, The Law Reports (English), the local Federal and English Statutes, the codified laws of each state in the union, and a comprehensive selection of digests, encyclopedias, text-books, and law periodicals. The law library was substantially augmented recently by a gift from a former student of the School of $10,000 called the Lucius Polk McGehee Memorial Fund and used for the purchase of books for the library.

THE NORTH CAROLINA LAW REVIEW

The North Carolina Law Review, issued quarterly, is published by the School of Law. It is devoted to the discussion of general and local legal problems and new cases, especially those of interest to North Carolina lawyers. The notes on recent cases are prepared by the student editors, in consultation with faculty advisers. Selection of the student editors is made by the faculty on the basis of scholarship, and membership on the editorial board is the highest scholastic honor attainable by a law student before graduation.

THE LAW CLUBS AND LAW ASSOCIATION

The Law School Association is a voluntary association of students which, under the guidance of a faculty member—Professor Coates—promotes the activities of the law clubs, and endeavors to bring the students and the faculty of the Law School into a coöperating relationship with the members of the bench and bar. Law clubs are organized in each class and their members argue law questions upon agreed statements of fact before members of the faculty. From the winners in these arguments are selected those who will participate in the Final Argument. This is held before a court consisting of distinguished lawyers and judges. In 1928 the court consisted of Associate Justice W. J. Adams and W. J. Brogden of the Supreme Court of North Carolina, and Messrs. A. L. Brooks, of Greensboro, J. S. Manning, of Raleigh, and John A. MacRae, of Charlotte.

TRIAL AND OFFICE PRACTICE

The course in trial and office practice is believed to be organized on lines which will make for the highest practical value to the student. Recently, Mr. C. L. Shuping of Greensboro generously gave the sum necessary to install in Manning Hall a complete trial

court room, and similar assistance by Mr. W. M. Hendren of Winston-Salem and others made possible the installation of a large practice office, with necessary desks and files for the use of a class. In these quarters the practice class will carry on trial and office work. The office work consists chiefly in the drafting of contracts, deeds, leases, mortgages, wills, and corporation and partnership documents, the preparation and examination of abstracts of title, and the preparation of the forms used in judicial proceedings. This will be done under the guidance of the various members of the faculty teaching the respective substantive law subjects involved, with the active coöperation of leading members of the bar, who will furnish problems arising in their practice and will explain the exact ways in which they were met. The trial work will be introduced by lectures upon judicial organization and procedure and on the preparation of a case for trial. This will be followed by the trial of cases. Stenographic reports of actual trials in state and federal courts will be used as laboratory material. Plaintiff's testimony will be given to a plaintiff's counsel and defendant's testimony to a defendant's counsel, who will prepare their respective pleadings. Witnesses taken from the class will read the record and prepare and give evidence based upon the actual testimony. Counsel will prepare pleadings without having seen the actual pleadings and will try the case before a student jury, and a lawyer who participated in the court trial will preside and will thereafter criticize the pleadings, trial tactics, and arguments of the counsel on the law and facts. It is believed this will impart in a vivid way some knowledge of the *art,* as well as the law, of trials.

THE ORDER OF THE COIF

In twenty-eight of the leading law schools of this country, selected as conforming to very high standards, chapters have been established of the Order of the Coif. Membership is purely honorary and is awarded each year to those students of the senior class who throughout their law school career have attained the highest standing in their courses. Thus far it has been awarded to the following:

Class of 1927: Samuel Eldon Vest, Joseph Lapsley Cantwell, Jr., and William Harrison Abernathy.

Class of 1928: Charles Raper Jonas, Clarence Windley Hall, and Frank Bird Gummey II.

Class of 1929: Jefferson Barnes Fordham and Susie Marshall Sharp.

PRIZES

The Hill Law Review Prize, established by George Watts Hill, Esq., of the Durham Bar, is an award of fifty dollars to the

student editor who makes the best total contribution to the *Law Review* during the school year.

THE CALLAGHAN PRIZE IN LAW. A copy of the Cyclopedic Law Dictionary is offered by Callaghan & Co., Law Publishers, to that member of the senior class each year who obtains the highest general average in his work for the year.

ADDITIONAL OPPORTUNITIES OF UNIVERSITY LIFE

Students in the Law School may be admitted without additional expense to the courses given in the departments of Economics, English, Philosophy, and History in the College of Liberal Arts, subject to the rules stated as to the number of hours which a student may take, and subject to the approval of the Dean of the School of Law. A student taking such a course must satisfy the entrance requirements for the course selected.

Students of the School may become members of the Dialectic and Philanthropic Literary Societies, where they may take part in or witness debates and train themselves in parliamentary law.

As students of the University, they enjoy all the privileges of the University library, University gymnasium, and the organizations of the University generally, literary, social, and athletic.

For further information as to requirements for admission, or as to living conditions, address The Registrar, The University of North Carolina, Chapel Hill, N. C.

For information as to courses or other matters pertaining particularly to the Law School, address the Dean of the School of Law, The University of North Carolina, Chapel Hill, N. C.

THE SCHOOL OF MEDICINE

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
*ISAAC HALL MANNING, M.D., *Dean.*
CHARLES STAPLES MANGUM, A.B., M.D., *Acting Dean.*

**THE ADMINISTRATIVE BOARD

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*
WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
ROBERT ERVIN COKER, Ph.D., *Professor of Zoölogy.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*
LOUIS ROUND WILSON, Ph.D., *Kenan Professor of Library Administration.*
THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
DANIEL ALLAN MACPHERSON, Ph.D., *Associate Professor of Bacteriology.*

SPECIAL STAFF

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*
*ISAAC HALL MANNING, M.D., *Professor of Physiology.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*
WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
JOHN GROVER BEARD, Ph.G., *Professor of Pharmacy.*
ROBERT BAKER LAWSON, M.D., *Associate Professor of Applied Anatomy.*
DANIEL ALLAN MACPHERSON, Ph.D., *Associate Professor of Bacteriology.*
WALTER REESE BERRYHILL, A.B., M.D., *Acting-Associate Professor of Physiology.*
FREDERICK PHILLIPS BROOKS, Ph.D., *Assistant Professor of Physiological Chemistry.*
GEORGE LUNSFORD CARRINGTON, M.D., *Instructor in Clinical Microscopy.*

* Absent on leave, 1929-1930.
** The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

GRANT LESTER DONNELLY, A.B. in Educ., *Research Assistant in Pharmacology.*
AUGUSTUS STEELE ROSE, *Assistant in Anatomy.*

GENERAL STATEMENT

The School of Medicine was established in 1879 under the direction of Dr. Thomas W. Harris. A course in theoretical and practical medicine was offered under the preceptorial system, but the plan was found impracticable and was abandoned in 1886. In 1890, a more orderly and logical arrangement of the subjects in the medical course having developed, it became possible for an institution without clinical facilities to offer instruction in the preclinical subjects, and the school was reopened with Dr. Richard H. Whitehead as Dean and Professor of Anatomy. Under his guidance it soon won recognition for thoroughness of instruction and excellence in scholarship and has since continued without interruption to its growth. At first the course covered only one year, but in 1896, the medical course having been extended in the better class of schools to four years, a two-year course was inaugurated. In 1900 the School of Medicine was incorporated as an integral part of the University and was reorganized to meet the requirements of the first two years of the full four-year course leading to the degree of doctor of medicine. In 1902 it was expanded into a four-year school, and the clinical subjects of the third and fourth years were offered in Raleigh under the direction of Dr. Hubert A. Royster as Dean. After a few years of successful operation, this plan had to be abandoned for lack of financial support, and the clinical subjects were dropped. In 1908 the school was admitted to membership in the Association of American Medical Colleges, and is ranked in the class "A" group by the American Medical Association.

The subjects included in the four-year course in medicine are arranged into two main groups, the so-called laboratory and clinical groups, and two years of study are devoted to each. This natural division makes it possible for a student to pursue the laboratory subjects in one institution and the clinical subjects in another without loss of continuity and with no disadvantage. Students who have successfully completed the two-year course in the laboratory group of subjects offered here are prepared to begin the study of the clinical subjects and may be transferred, without examination and with full credit, into the third year of other American Medical Colleges of the highest rank.

The School of Medicine is located on the University campus in a laboratory building, Caldwell Hall, which is equipped to take care of classes of forty men in each of the two years. In addition to laboratories and lecture rooms, this building contains the medical section of the general University library, which for many years has

been devoted chiefly to the building up of complete sets of those scientific journals which are concerned with the products of research in the fields covered by the laboratory courses taught in the school. See page 40.

The students of the Medical School are regularly enrolled in the University, enjoy all the privileges of University students, and are amenable to all general University regulations and to the special regulations of the Medical School.

REQUIREMENTS FOR ADMISSION

Admission to this School of Medicine requires preparation similar to that specified for admission to all grade A schools of medicine. The minimum requirements are shown on pages 58-59. The University recommends to each applicant that he prepare himself as fully as his age and resources permit. If possible he should first secure a bachelor's degree, either A.B. or S.B., before beginning his professional study. If this is impracticable, he may secure excellent preparation by completing the academic curriculum outlined on pages 202-203, or may secure the minimum requirements by completing the two years premedical courses suggested on page 205.

Students are earnestly advised not to undertake the study of medicine with merely the minimum requirement of two years of college training. An increasing number of medical schools are requiring at least three years of college work as a prerequisite for transfer into the junior year.

It is to be noted that this school does not contract to admit all students who have completed the three years of academic work prescribed as part of the requirement for the degree of Bachelor of Science in Medicine and outlined on pages 202-203, nor will the University confer such degree upon a student who completes at another institution the prescribed two years of medical work. To those who complete here both the academic and the first two years of medical work there is given the opportunity to obtain a bachelor's degree and the degree of M.D. in seven years.

EXPENSES

See page 61.

SPECIAL NOTICE

An applicant notified of his acceptance must deposit with the Cashier of the University not later than June 15, a deposit of $50.00; otherwise the acceptance will be withdrawn. If the applicant presents himself for registration and remains in the school during the first quarter, the deposit will be accredited to his account; otherwise the deposit will be forfeited.

SCHOLARSHIP

THE WOOD SCHOLARSHIP. (Established in 1895.) Mrs. Mary Sprunt Wood, of Wilmington, has founded a scholarship in memory of her husband, the late Dr. Thomas Fanning Wood.

THE MEDICAL COURSE

The medical course covers two years of thirty-three weeks each, divided into three periods, or quarters, of approximately equal length.

First Year

BIOLOGICAL CHEMISTRY: Nine hours a week, winter quarter.

HISTOLOGY: Six hours a week, fall quarter; nine hours a week, winter quarter.

GROSS ANATOMY: Twenty-one hours a week, fall quarter; eighteen hours a week, winter quarter.

NEURO-ANATOMY: Twelve hours a week, spring quarter.

EMBRYOLOGY: Three hours a week, fall quarter; six hours a week, spring quarter.

BACTERIOLOGY: Fifteen hours a week, spring quarter.

MATERIA MEDICA: Five hours a week, fall quarter.

Second Year

BIOLOGICAL CHEMISTRY: Six hours a week, fall quarter.

PHYSIOLOGY: Twelve hours a week, fall quarter; six hours a week, winter quarter.

IMMUNOLOGY: Nine hours a week, fall quarter.

PATHOLOGY: Six hours a week, fall quarter; eight hours a week, winter quarter; twelve hours a week, spring quarter.

PHARMACOLOGY: Three hours a week, fall quarter; ten hours a week, winter and spring quarters.

SURGICAL ANATOMY: Six hours a week, spring quarter.

HYGIENE: Three hours a week, winter quarter.

PHYSICAL DIAGNOSIS: Four hours a week, winter quarter.

Summary of First and Second Year

Subjects	*Hours*
Biological Chemistry	160
Anatomy	750
Physiology	198
Pharmacology	288
Bacteriology and Immunology	250
Pathology	275
Surgical Anatomy	60
Hygiene	33
Physical Diagnosis	40

EXAMINATIONS

Regular examinations on the first year subjects will be held during the examination periods of the College of Liberal Arts at the close of each quarter. In the second year the examinations will be held at the close of each course. Special examinations for the removal of conditions will be allowed during the week preceding the close of the third quarter and during registration week in September.

An examination will not be allowed a student who is charged with ten per cent of unexcused absences, or with absences amounting to twenty per cent of the total number of hours assigned the subject.

PROMOTIONS

If a first year student makes a grade of F on any subject, or a grade of E with failure to remove it by subsequent examination, he shall not be readmitted. If a first year student makes a grade of E on two subjects the privilege of reëxamination will be denied him.

If a second year student makes a grade of E on any subject he will be allowed a second examination during the month of July. If he makes a grade of F on one subject, or a grade of E on two subjects he will not be recommended for admission to the third year of any medical school.

COURSES OF INSTRUCTION

Certain courses in the curriculum of the School of Medicine are approved by the Graduate School as minors for the master's and doctor's degrees.

DEPARTMENT OF ANATOMY

The courses include gross and microscopic anatomy, embryology, the topography of the body, the application and relation of anatomy to medicine and surgery, and the anatomy of the central nervous system and the organs of special sense.

1. GROSS ANATOMY.

Laboratory talks, demonstrations, and conferences take the place of lectures. The student makes a complete dissection of the human body under the constant supervision and direction of an instructor, who insists upon the use of texts, guides, and atlases, and holds practical examinations upon the cadaver. Each student is provided with a complete set of disarticulated bones which he is required to demonstrate. *Twenty-one hours a week, fall quarter; eighteen hours a week, winter quarter.* Professor Mangum, Mr. Rose.

2. GENERAL HISTOLOGY AND ORGANOLOGY.

Includes: (a) Study of the fundamental tissues, followed by (b) the study of the microscopic structure of the organs of the body, in connection with an examination of gross structure. Lectures, demonstrations, and laboratory. *Six hours a week, fall quarter; nine hours a week, winter quarter.* Professor George. See catalogue of the Graduate School.

3. CYTOLOGY AND HISTOGENESIS.

Those who have completed course 2 or its equivalent will be offered an opportunity to pursue further work in Cytology and Histogenesis. Arrangements for this course may be made with the instructor. Professor George.

4. EMBRYOLOGY.

(a) Lectures and laboratory study of the early processes in the formation of the vertebrate body. (b) Lectures, demonstrations, and laboratory study of mammalian embryos. *Three hours a week, fall quarter; six hours a week, spring quarter.* Professor George. See catalogue of the Graduate School.

5. CENTRAL NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.

A special laboratory study of the gross and microscopic anatomy of the cord and encephalon. Each student is provided with numerous prepared dissections of the human brain and a series of sections through the cord of the brain stem which he studies with the aid of a guide. A human brain is then given to each group of four men and by them dissected in order to correlate and systematize the work already done. A practical examination tests the student's ability to locate the various tracts and nuclei. *Twelve hours a week, spring quarter.* Professor Mangum. See catalogue of the Graduate School.

6. SURGICAL ANATOMY.

The principles of minor surgery and the relation of anatomy to surgery, including the surface markings of organs, their location and inter-relationship, incisions for reaching nerves and arteries, influence of muscles upon fractures, and luxations, amputations and other surgical operations upon the cadaver. Instruction is by lectures, X-ray plates, and practical work upon the cadaver. *Six hours a week, spring quarter.* Associate Professor Lawson.

The Department provides facilities to physicians and surgeons who wish to make special dissections or carry out any special study in the field of anatomy.

DEPARTMENT OF BACTERIOLOGY

1. ELEMENTARY BACTERIOLOGY. Prerequisite, Chemistry 1-2 and Botany 1. *Elective.

A lecture and laboratory course offered as a general science course. The fundamental principles of bacteriology are emphasized, and the student is trained in general bacteriological technique. The morphological and biological characteristics of the molds, yeasts, and saprophytic bacteria are studied. Pure cultures are isolated from air and water, and identification attempted. The applications of bacteriology to agriculture, industry, and the home are considered. (Registration of a minimum of six students required.) Text: Conn and Conn's *Bacteriology. Nine hours a week (lectures and laboratory), winter quarter. Laboratory fee, $4.00.* Professor MacPherson.

2. MEDICAL BACTERIOLOGY. Required of medical students.

The early weeks of the course are devoted to a thorough grounding in the fundamental principles of bacteriology. Each student prepares the various culture media in common use: cultivates and describes several non-pathogens from stock cultures; and practices the more useful staining methods. Pure cultures are isolated from air and water and their biology studied. The major portion of the course is devoted to the detailed study of the pathogens. Unknown mixtures are used to test the student's ability to differentiate organisms

* Before registering for this course the academic student must secure the permission of his Dean.

of the various groups. Practical applications of bacteriology in the diagnosis of disease are stressed by the examinations of sputa, pus, feces, and blood. Animal inoculations are made to demonstrate the process of infection and the differentiation of certain organisms. Lectures cover all the more important diseases. Text: Park and Williams' *Pathogenic Microörganisms. Fifteen hours a week (lectures and laboratory), spring quarter. Laboratory fee, for non-medical students, $6.00.* Professor MacPherson. See catalogue of the Graduate School.

3. PUBLIC HEALTH AND HYGIENE. Prerequisite, Bacteriology 2. *Elective.

Lectures and quizzes on the sources, mode of spread, and control of communicable diseases; ventilation; water and sewage purification; soil pollution; hygiene of foods; carriers; and insect vectors. Text: Rosenau's *Preventive Medicine. Three hours a week, winter quarter.* Professor MacPherson.

4. INFECTION, IMMUNITY, AND SERUM DIAGNOSIS. Required of medical students. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

The early laboratory work is designed to demonstrate the basic principles of immunology and serology. Practical training is given in the production and use of agglutinins, precipitins, lysins, and complement fixing antibodies. Vaccines are prepared, and their use demonstrated. The preparation and standardization of antimicrobic and antitoxic sera are studied. Anaphylaxis and allergy are produced in animals, and methods of diagnosis and desensitization practiced. The student is required to prepare his own materials and to inject and bleed animals himself. Special attention is given to the use of these principles in the diagnosis of blood stains, blood grouping, typhoid fever, typhus fever, diphtheria, tuberculosis, hay fever, gonorrhœa, and syphilis. Unknown specimens test the student's ability to use the reactions. Lectures consider the principles of infection, immunity, and resistance. Text: Kolmer's *Infection, Immunity, and Biological Therapy. Nine hours a week (lectures and laboratory), fall quarter. Laboratory fee for non-medical students, $10.00.* Professor MacPherson. See catalogue of the Graduate School.

5. PUBLIC HEALTH LABORATORY METHODS. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

A course of training in the modern bacteriological methods employed in the routine work of a public health laboratory. Practice is afforded in the laboratory diagnosis of diphtheria, tuberculosis, typhoid fever, pneumonia, malaria, gonorrhœa, syphilis, and rabies. The bacteriological examination of water, milk, and canned goods is also practised. The course is designed for medical students, and those wishing to qualify as bacteriological laboratory technicians. *Six hours a week, spring quarter. Laboratory fee for non-medical students, $6.00.* Professor MacPherson.

6. ADVANCED BACTERIOLOGY AND RESEARCH. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

Opportunity and facilities are offered to qualified students to pursue advanced work in bacteriology and immunology. *Hours arranged.* Professor MacPherson.

DEPARTMENT OF PATHOLOGY

1. PATHOLOGY.

Embraces a consideration of general and special pathology from the chemical and physiological as well as the morphological aspects. Lectures and

* Before registering for this course the academic student must secure the permission of his Dean.

recitations are combined with laboratory work in a study of both gross and microscopical preparations. Each student is supplied with a set of "loan" sections (about 200) which form the basis of the study. This is supplemented by the use of a considerable number of special demonstration sections. A series of practical examinations is held, in which each student is required to diagnose the process and describe the salient features in about fifty "unknown" sections. Text: MacCallum, Mallory. *Six hours a week, fall quarter; eight hours a week, winter quarter; twelve hours a week, spring quarter.* Professor Bullitt. See catalogue of the Graduate School.

2. CLINICAL MICROSCOPY.

In this course a study is made of blood, urine, sputum, stomach contents, feces, spinal fluid, and various exudates. Some of its content has been partially covered in the courses in Chemistry, Bacteriology, and Pathology, but considerable additional material is supplied and this material is studied in more detail. The student has the opportunity to acquire skill in making these examinations. Emphasis is laid upon the clinical aspects. The work consists chiefly of laboratory exercises but these are supplemented, where necessary, by lectures. *Three hours a week, spring quarter.* Doctor Carrington.

3. ADVANCED PATHOLOGY. Two courses are offered.

(a) Surgical Pathology (prerequisite, Pathology 1); a detailed study of surgical material, with special reference to tumors. (b) Experimental Pathology; production of various inflammatory lesions and study of their development. *Hours by arrangement.* Professor Bullitt.

DEPARTMENT OF PHARMACOLOGY

1. MATERIA MEDICA AND CHEMICAL PHARMACOLOGY.

The course is an integral part of the course in Pharmacology for second year medical students and is a prerequisite to it.

This introductory course has a triple purpose: first, to familiarize students with the physical character and behavior of the official drugs; second, to demonstrate the manner in which these drugs are brought together in making medicinal formulas; and third, to show how these and other drugs may be ordered by means of properly written prescriptions. Class-room and laboratory exercises are regularly held to acquaint students with the appearance and nature of crude drugs, pharmaceutical preparations, and synthetic compounds; while representative types of medicines—tinctures, ointments, pills, etc.—are made by each student in order to gain first hand knowledge of formula construction. Prescription writing is given careful consideration with particular attention being paid to terminology and incompatibilty. Thornton's *Manual of Materia Medica. Five hours a week, fall quarter, first year.* Professor Beard, Mr. Jacobs.

2. PHARMACOLOGY.

The course in Pharmacology extends throughout the second year of the medical curriculum. The character of the work permits a division of the course into three parts: (a) A consideration of the ways in which drugs may affect the organism. This introduction embraces a discussion of the various physicochemical forces influencing drug activity, and the modification of the action of these conditions in different pathological states of the organism, such, for instance, as febrile conditions and various metabolic disturbances. (b) A general study of the pharmacology of the important drugs. The drugs are considered in groups depending upon their predominant effect in the body. The student learns the preparation, their dose, physiological incompatibilities, and considers in detail the way in which the drugs act as pharmacological agents. The symp-

toms and treatment of poisoning are considered following the discussion of the pharmacology of the group. (c) A consideration of the pharmacology of the drugs in the pathological animal, with a discussion of the modification of drug activity in various pathological states. In conjunction with this study emphasis is given to the use of drugs as therapeutic agents and a study is made employing such remedies as are indicated in the form of a prescription. Students are required to write prescriptions, which are then subjected to the criticism of various members of the class and the instructor.

3. PHARMACODYNAMICS.

This part of the general course in pharmacology consists in a careful and accurate study of the action of practically all of the more important drugs on animals. For this work, the higher animals, such as the cat and dog, are chiefly used. The class is divided into groups of two or four, and the experimental work is conducted by the student. Each student is required to hand in to the instructor at the completion of the course a laboratory notebook containing a detailed account of each experiment, an explanation of the results obtained, and the tracings made during the experiment. Oral and written recitations are frequently held. Text: Sollmann. Reference: Cushny; Meyer and Gottlieb, *Pharmacology, Experimental and Clinical;* Jackson, *Experimental Pharmacology. Three hours a week, fall quarter; ten hours a week, winter and spring quarters.* Professor MacNider, Mr. Donnelly. See catalogue of the Graduate School.

4. ADVANCED PHARMACOLOGY.

Two types of courses will be offered: (a) an experimental study of the action of various drugs upon the normal animal; (b) an experimental study of the action of various drugs and other agents upon the pathological animal. Professor MacNider.

DEPARTMENT OF PHYSIOLOGY

The course in Physiology is given in four parts as follows:

1. PHYSIOLOGY.

A lecture course of six hours a week for two quarters, in which the functions of the systems of organs are explained and discussed as fully as time permits. The subjects include the digestion, the circulation, respiration, elimination, metabolism, the internal secretions, heat regulation, the nervous system, and the special senses. Attention is called to pathological conditions which are commonly associated with disturbed functions and which emphasize the importance of normal function. Text: Howell, McLeod, Wright's *Applied Physiology.* See catalogue of the Graduate School.

2. BIOLOGICAL CHEMISTRY 1.

A lecture and laboratory course of nine hours a week during the winter quarter of the first year in which the fundamental principles of the subject are discussed and illustrated by appropriate experiments in the laboratory as far as possible. The chemistry of the "body stuffs" and the other general subjects of physiological chemistry are treated in the usual way.

3. BIOLOGICAL CHEMISTRY 2.

In the fall quarter of the second year, the class is divided into two sections for the more difficult work in digestion, blood and urine analysis, basal metabolism, etc. Text: Pettibone, Hawk, Folin.

4. EXPERIMENTAL PHYSIOLOGY.

A laboratory course of six hours a week during the fall quarter of the second year. Special experiments performed in small sections are carried on in the winter quarter. In this course the student learns the use of physiological apparatus; studies the neuro-muscular system and heart on the frog and turtle; the vascular and respiratory systems on the rabbit and dog; and performs a limited number of experiments on the human, making pulse records, taking blood pressure, determining Basal Metabolic rates, etc. Laboratory notes. Professors Manning, Berryhill, Brooks. See catalogue of the Graduate School.

5. ADVANCED COURSE IN BIOLOGICAL CHEMISTRY.

(a) Biochemical Methods. Studies of Biochemical Methods. Original articles are consulted and theoretical problems worked out. *Three lectures weekly, spring quarter.*

(b) Biochemical Preparations. The preparation of plant and animal products of special interest, a laboratory course in conjunction with course (a). *Six laboratory hours a week, spring quarter.*

PHYSICAL DIAGNOSIS

A course in the technique of physical examination: auscultation, palpation, percussion, and the study of the filming of the organs, both normal and diseased. The class is taken by sections for all-day clinics to the State Sanatorium and the State Hospital. Lectures include all the diseases of the thorax and the clinical signs of the common affections. Text: DaCosta. *Four hours a week, winter quarter.* Professor Lawson.

THE SCHOOL OF PHARMACY

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
EDWARD VERNON HOWELL, A.B., Ph.G., *Dean.*
JOHN GROVER BEARD, Ph.G., *Secretary.*

*THE ADMINISTRATIVE BOARD

JOHN GROVER BEARD, Ph.G., *Professor of Pharmacy.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
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**EDWARD VERNON KYSER, Ph.G., Ph.C., *Associate Professor of Pharmacy.*
MARION LEE JACOBS, Ph.C., M.Sc., *Assistant Professor of Pharmacy.*

SPECIAL STAFF

EDWARD VERNON HOWELL, A.B., Ph.G., *Professor of Pharmacy.*
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LEONARD ERASTUS REAVES, *Assistant in Pharmacy.*
CHARLES BION SEARS, *Assistant in Pharmacy.*

HISTORICAL SKETCH

In 1880 Dr. Thomas W. Harris was instrumental in establishing a Pharmacy School at the University in connection with the School of Medicine. Doctor Harris was Professor of Anatomy, Materia

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
** Absent on leave, fall quarter, 1929.

Medica, and Pharmacy. The faculty of the new school consisted in addition to Professor Harris, of Frederick W. Simonds, Professor of Botany and Physiology, and Francis P. Venable, Professor of Chemistry. The course in pharmacy extended over two sessions of five months each, and led to the degree of Graduate in Pharmacy (Ph.G.). The school was continued until the resignation of Doctor Harris in 1886, when it was abandoned completely. In the fall of 1889 the school was revived by Dr. Richard H. Whitehead, but again its career was cut short.

In March of 1897 the present School of Pharmacy was established, and Edward Vernon Howell was elected Professor of Pharmacy and given charge of the school. At that time the school occupied the ground floor of the New West Building, which had been provided with laboratories, lecture rooms, an herbarium, and a reading room. The first lectures, offered in September of 1897, pertained to practical and theoretical pharmacy, materia medica, physiology, physics, general and analytical chemistry, and botany. The course of study extended over two sessions of nine months each and led, as did the courses in the initial school, to the degree of Graduate in Pharmacy (Ph.G.).

In the summer of 1912 the school was moved to Person Hall, a building containing ten rooms. In 1914 two new courses in pharmacy were added to the curriculum; one, a three-year course, led to the degree of Doctor of Pharmacy (P.D.); the other, also a three-year course, led to the degree of Pharmaceutical Chemist (Ph.C.). In 1917 the school was admitted to membership in the American Association of Colleges of Pharmacy, an organization founded for the promotion of pharmaceutical education. Member-colleges, in order to retain their membership must maintain certain entrance and graduation requirements and must in other ways follow out general practices as determined by the Association.

In order to comply with the Association's newly made requirements, in 1925 the degrees of Doctor of Pharmacy and Pharmaceutical Chemist were abandoned, and the course of study leading to the degree of Graduate in Pharmacy was advanced from two to three years. A four-year course was also added leading to the degree of Bachelor of Science in Pharmacy (S.B. in Pharm.).

In the fall of 1925 the School of Pharmacy moved into the building formerly occupied by the Department of Chemistry. The school has gradually developed with respect to members of the faculty, equipment, apparatus, and attendance. The pharmaceutical library has been made valuable by many historical and modern books on pharmacy and its allied branches and by bound volumes of proceedings and journals, either given by friends or purchased by the University.

REQUIREMENTS FOR ADMISSION

See page 59.

EXPENSES

See page 61.

COURSES OFFERED

For the Degree of Graduate in Pharmacy

In order to be recommended for the degree of Graduate in Pharmacy the student must have completed the three-year course of study outlined below. Equivalent work done in some other recognized school of pharmacy may be accepted for the first two years of this course only.

A student must obtain satisfactory marking in attendance, making a grade of D or better in each course, and must submit a satisfactory thesis.

No first year student who fails to pass at least six courses, and no other student who fails to pass seven courses or equivalent, shall be readmitted to the School of Pharmacy except by a special vote of the Administrative Board of the School.

For the Degree of Bachelor of Science in Pharmacy

A four-year course leading to this degree is offered. For the curriculum required for this degree see under the section devoted to the School of Applied Science, page 204.

A student who has completed one or more years of accredited work in a recognized school of pharmacy and submits satisfactory evidence of having completed the entrance requirements and courses equivalent to those prescribed in the curriculum required for the degree of S.B. in Pharmacy, may be admitted with advanced standing and proceed for this degree.

Upon the completion of the curriculum prescribed for the degree of Bachelor of Science in Pharmacy, provided he has elected Zoölogy 1 and 2 in his senior year, a student may enter a School of Medicine or pursue courses of study leading to the Master's or Doctor's degree with Chemistry as his major subject.

Drug Store Experience

The North Carolina Board of Pharmacy requires of candidates for license to practise pharmacy evidence of not less than forty-eight months of practical drug store experience. However, it allows the work done in the pharmaceutical laboratories to count in lieu of drug store experience, such credit to be limited to twenty-four months. Up to this limit the college work counts month for month.

METHOD OF NUMBERING COURSES IN PHARMACY

The first numeral in the course number indicates which year in the schedule the course is pursued: for example, Pharmacy 15 is a subject taught in the first year; Pharmacy 20 in the second year, etc.

COURSE LEADING TO THE DEGREE OF GRADUATE IN PHARMACY

First Year

Fall Quarter: Chemistry 1, English 1, Botany 10.

Winter Quarter: Chemistry 2, Botany 11, Pharmacy 11, Pharmacy 15.

Spring Quarter: Chemistry 31, English 20, Pharmacy 12, Pharmacy 16.

Second Year

Fall Quarter: Chemistry 41, Pharmacy 20, Pharmaceutical Chemistry 25, Pharmaceutical Chemistry 26.

Winter Quarter: Chemistry 42, Pharmacy 21, Materia Medica 20.

Spring Quarter: Pharmacy 28, Pharmaceutical Chemistry 27, Materia Medica 21, Physiology 20.

Third Year

Fall Quarter: Pharmacy 30, Pharmacy 32, Materia Medica 30, Pharmacology 32.

Winter Quarter: Pharmacy 33, Pharmacy 34, Pharmacy 35, Pharmacy 39, Pharmaceutical Chemistry 36.

Spring Quarter: Pharmacy 31, Pharmacy 38, Pharmaceutical Chemistry 37, Elective (to be approved by the school).

COURSE LEADING TO THE DEGREE OF S.B. IN PHARMACY

See page 204.

COURSES OF INSTRUCTION

Pharmacy

11-12. THEORY AND PRACTICE OF PHARMACY.

This course consists of lectures upon the following subjects, with practical demonstrations and the employment of proper apparatus whenever necessary: metrology, comminution, heat evaporation, distillation, sublimation, fusion, calcination, granulation, oxidation, reduction, etc.; colation, filtration, decolorization, clarification, precipitation, etc.; maceration, expression, infusion, decoction, etc.; percolation and study of the following: waters, syrups, honeys, glycerites, mucilages, mixtures, spirits, elixirs, liniments, collodions, tinctures, wines, vinegars, and fluidextracts. Text-book: Remington's *Theory and Practice of Pharmacy. Five hours a week, winter and spring quarters.* Professor Howell.

15-16. OPERATIVE PHARMACY.

This course is designed to demonstrate the various operations outlined in Pharmacy 11-12, and to drill the student in the correct preparation or manufacture of all of the classes of pharmaceuticals as outlined in the Pharmacopoeia. He is required to make under the direction of the instructor those preparations which enter into prescriptions and is taught the correct uses of the different apparatus required in the practice of pharmacy. Text-book: Remington's *Theory and Practice of Pharmacy. Lectures and laboratory, four hours a week, winter and spring quarters. Laboratory fee, $7.50 a quarter.* Professors Kyser, Jacobs, and Assistants.

20-21. THEORY AND PRACTICE OF PHARMACY. Prerequisite, Pharmacy 11-12.

The official forms and preparations of drugs are taken up in detail. Beginning with the inorganic compounds, the salts are considered with regard to their commercial qualities and pharmaceutical uses and preparations. The organic compounds are studied, commencing with the salts of the organic acids and passing to the natural and organic compounds. *Five hours a week, fall and winter quarters.* Professor Howell.

28. DISPENSING PHARMACY.

A practical course concerned with the operations and processes involved in prescription-filling. At the outset, students demonstrate for themselves the selection and correct use of the various apparatus employed in compounding formulae, after which they are drilled carefully in proper procedure and are instructed thoroughly in the method of mixing the materials that enter into physician's recipes. Incompatibilities are considered, first, as to probable occurrences, and second, as to prevention or correction. The common types are demonstrated and every probable kind is given study. No fixed number of actual prescriptions is required to be filled, but the student is kept at the task of compounding until he becomes competent to serve as a practical prescriptionist. Not only is the usual technique of compounding dwelt upon, but there also enters into the course a consideration of such matters as eutectic mixtures, colloidal solutions, viscocity, etc. After prescriptions are filled, they are checked, labeled, properly packed, and then priced according to the accepted scale of calculation. During the progress of the course, emphasis is laid upon posture, neatness, dexterity, and accuracy. Working texts: Beard's *Guide to Dispensing Practice,* Remington's *Practice of Pharmacy. Lectures and laboratory, nine hours a week, spring quarter. Laboratory fee, $10.00.* Professor Beard and an Assistant.

30. HISTORY OF PHARMACY.

This course is a study of the development of pharmacy from its ancient beginnings to its present state. The evolution of the Pharmacopoeia and the establishment of a pharmaceutical literature are also considered. Medical superstitions and the art of alchemy are contrasted with modern theories and practices in the field of drug therapy and manufacture. *Five hours a week, fall quarter.* Professor Howell.

31. THEORY AND PRACTICE OF PHARMACY.

A review of the tests and assays of the U. S. P. together with important diagnostical reagents and clinical tests. *Five hours a week, spring quarter.* Professor Howell.

32-33. COMMERCIAL PHARMACY.

In presenting this practical course, the dominant motive is to train students to think in terms of drug store ownership rather than clerkship, and to think independently. The class is led progressively through the various phases of

retail drug store operation, beginning with the location of a store site and ending with lectures on pharmaceutical jurisprudence. Each student is expected to subscribe for three leading drug journals and to purchase at least two reference books on retail store management. Text-book: Pearson's *Commercial Pharmacy. Lectures and recitations, three hours a week, fall and winter quarters.* Professor Beard.

34. PHARMACEUTICAL ARITHMETIC.

Beginning with a thorough study of the metric system, this course progresses through transposition, ratio, percentage, and alligation, after which the student is drilled in problems having to do with chemical reactions. Follows then a consideration of the arithmetic met with in commercial transactions, such as cost, overhead, profit, and sales percentage; turnover; mark-up; etc. It is the purpose of the course so to relate arithmetic to pharmacy as not only to make certain that students can solve quickly and correctly the scientific problems met with in manufacturing and dispensing, but also that they may have mastery over the merchandising calculations that play a prominent part in retail pharmacy. Text-books: Sturmer's *Pharmaceutical Arithmetic. Three hours a week, winter quarter.* Professor Beard.

35. PHARMACEUTICAL LATIN.

A certain modicum of Latin is absolutely essential to the understanding of pharmaceutical terminology and to the proper handling of prescriptions. It is the purpose of this course to provide exactly that modicum. The course is divided into two parts. The first consists of twenty lectures and recitations presenting in progressive arrangements the necessary instruction in forms and syntax, and excluding everything which, however desirable and helpful, is not of immediate practical use to the pharmacist. The second part is devoted to word classification, abbreviations in common use, and to analyzing pharmaceutical terminology and prescriptions as ordinarily written. Text-book: Howe and Beard's *Latin for Pharmacists. Three hours a week, winter quarter.* Professor Beard.

38. INDUSTRIAL PHARMACY. Prerequisite, Pharmaceutical Chemistry 36-37 or Chemistry 61, 62.

This course is concerned with the commercial manufacture of the acids, heavy and fine chemicals, pharmaceutical specialties, and other products which are utilized in the manufacture of various pharmaceutical preparations. Special consideration is given to plant location, construction, machinery, raw materials, etc. Business and factory management including salesmanship, order routing, standardization, chemical control methods, packages, and shipping are also given consideration. References: Roger's *Industrial Chemistry,* and *United States Dispensatory. Five lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor Kyser and an Assistant.

39. RESEARCH.

Original work in some department of the School must be carried out and the results presented in the form of a written thesis. The student may elect to carry on his research under any member of the departmental faculty, but the character and scope of the investigation must be approved by the director of the course. Professor Howell.

49. RESEARCH. Prerequisite, Pharmaceutical Chemistry 40 and Pharmacy 30.

Advanced research work as a partial requirement for the degree of S.B. in Pharmacy. *Laboratory fee, $5.00.* Professors Howell, Beard, Kyser, Jacobs.

Pharmaceutical Chemistry

25. TOXICOLOGY.
The chemical and physiological behavior of poisons; first aid, antidotal and recuperative treatment for the various types of poisoning. The separation and identification of poisons in foods and animal tissues. The laws regulating the sales of poisons are also considered. *Two lecture and three laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Kyser and an Assistant.

26. URINARY ANALYSIS.
By means of laboratory work, supplemented by lectures, the student is drilled in making qualitative and quantitative analyses of urine. The phenomena of urine secretions and elimination and the physiological and pathological constituents of urine, with exhaustive tests for determining the presence or absence of these constituents, are fully dwelt upon. In addition, the student is taught to select and arrange the apparatus required to make urine analyses in the drug store. Text-book: Hawk's *Physiological Chemistry. Two lecture and three laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Jacobs and an Assistant.

27. PHARMACEUTICAL ANALYSIS. Prerequisite, Chemistry 41, 42.
A laboratory course supplemented by lectures designed to instruct the student in the Pharmacopoeial methods of the identification and determination of the purity of the official drugs and chemicals. Text-book: *United States Pharmacopoeia. Three lecture and four laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Kyser and an Assistant.

36-37. ORGANIC PHARMACEUTICAL CHEMISTRY. Prerequisite, Chemistry 41, 42.
The organic pharmaceuticals of the aliphatic and aromatic series. *Three lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Jacobs.

40. INDUSTRIAL PHARMACY. Prerequisite, Chemistry 61, 62.
The manufacture of volatile oils, aromatic chemicals and perfumer's raw materials. Consideration is given to the art of perfuming and the manufacture and analysis of cosmetics and general toilet requisites. Patents, trademarks, copyrights, advertising, and package designing are also considered. *Five lecture and six laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professor Kyser and an Assistant.

41. INDUSTRIAL PHARMACY. Prerequisite, Chemistry 41, 42.
A technical course in the commercial methods of analysis of crude drugs, pharmaceuticals, trade products, and toilet preparations. References: *United States Pharmacopoeia* and Allen's *Commercial Organic Analysis. Five hours a week, spring quarter. Laboratory fee, $5.00.* Professor Kyser.

43-44. ORGANIC PHARMACEUTICALS. Prerequisite, Pharmaceutical Chemistry 36-37 or Chemistry 61, 62.
Methods of the organic pharmaceutical industries, and the recent advances in organic medicinals. *Five lecture, conference, and laboratory hours a week, winter and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Jacobs.

Materia Medica and Pharmacology

20-21. MATERIA MEDICA. Prerequisite, Botany 10-11.
The individual drugs of the United States Pharmacopoeia and the National Formulary are considered from the standpoint of their origin, history, appearance, structure, active principles, chief medicinal properties, official prepara-

tions, and doses. These drugs are grouped and studied according to the families to which they belong. Later they are classified into therapeutic groups, based on their action, i.e., whether they are stimulants, alteratives, irritants, astringents, etc. The subject is amply illustrated from the large collection of the School, which includes all the drugs of the Pharmacopoeia, as well as many unofficial plant parts; by means of colored plates and pictures; and from the library, which contains a large number of valuable books on the subject. Text-books: Washburn's *Pharmacognosy and Materia Medica;* Beard's *Therapeutic Terms and Common Diseases. Lectures and recitations, five hours a week, winter and spring quarters.* Professor Beard.

30. MATERIA MEDICA. Prerequisite, Materia Medica 20-21.

This course is to be considered as advanced Materia Medica 20-21. In addition to a more comprehensive study of vegetable and chemical drugs, consideration is given to the animal and biological products which are used as drugs. Preliminary to the study of serums and vaccines, the student is taught something of the form, occurrence, habits, and resistance of the more common pathological organisms, the activities of which make biological products necessary. *Lectures and recitations, five hours a week, fall quarter.* Professor Beard.

20. PHYSIOLOGY.

A study of the functions of the normal human body and a consideration of how these functions are modified by the action of drugs. Laboratory experiments are conducted by the instructor to demonstrate the more important physiological reactions of the lower animals, frogs, turtles, and cats. *Three hours a week, spring quarter.* Professor MacNider.

32. PHARMACOLOGY. Prerequisite, Materia Medica 20-21, Physiology 20.

This course is concerned with the physiological and therapeutic action of drugs both upon man and upon lower animals. Prior to this work the student has completed Materia Medica 20-21 which is concerned with the study of the physical and chemical properties of drugs, their preparations, dosage, and a brief statement of their effect. This course in Pharmacology is intended to amplify and give in a more detailed fashion an understanding of the way in which the drug acts in normal and in toxic quantities. A consideration of the biological standardization of drugs is also a part of this course. Text-book: Bastedo's *Materia Medica, Pharmacology, and Therapeutics. Lectures and laboratory, seven hours a week, fall quarter. Laboratory fee, $5.00.* Professor MacNider and an Assistant.

Botany

10. GENERAL BOTANY.

An introduction to the structure, classification, and activities of plants, with life history studies from the principal groups, including algae, bacteria, fungi, mosses, ferns, and the seed plants. Instruction in this course is not confined to the lecture room and laboratory, but advantage is taken of the rich local flora and of the arboretum with its drug garden. Through field trips the student learns to use keys and to make collections, and becomes acquainted with the living plants, especially with the trees, shrubs, and drug plants. *Five lecture and four laboratory hours a week, fall quarter. Laboratory fee, $4.00.* Professor Totten and Assistants.

11. PHARMACEUTICAL BOTANY AND PHARMACOGNOSY. Prerequisite, Botany 10.

A study of drug plants; the structure of their parts and contents; the localization and identification of crystals, starches, mucilages, gums, oils, resins, glucosides, alkaloids, etc.; microscopical study and identification of crude and powdered drugs and their adulterants. *Four lecture and four labo-*

ratory hours a week, winter quarter. Laboratory fee, $4.00. Professor Totten and Assistants.

For description of courses in Chemistry, see pages 101-102, in English, see pages 139-140.

PRIZES AND SCHOLARSHIPS

THE BRADHAM PRIZE, offered by Mr. C. D. Bradham, of New Bern, N. C., will be given to the student making the highest general average during the three years of study leading to Ph.G.

LEHN AND FINK GOLD MEDAL. This medal is given annually by Lehn and Fink of New York City, for excellence in research work.

HOWELL SCHOLARSHIP. A scholarship of $60.00 will be awarded for meritorious work in the second year.

RICHARDSON SCHOLARSHIPS. Three scholarships of $75.00 each for tuition have been established by Mr. H. S. Richardson, of Greensboro. These scholarships are awarded to members of the first, second, and third year classes for excellence in scholarship.

COUNCIL SCHOLARSHIP. This scholarship, amounting to $75.00 a year for tuition, is awarded to a deserving student selected by the Dean of the School of Pharmacy and the donor.

FAIRCHILD SCHOLARSHIP. Mr. Samuel W. Fairchild, of New York City, offers annually a scholarship amounting to $300.00 in cash to the high school graduates of the United States who wish to follow Pharmacy as a vocation.

The Fairchild Scholarship will be awarded on the basis of competitive examination given to candidates who are high school graduates and who have successfully finished their first year's work in a school or college of pharmacy or department of pharmacy of a university which is a member of the American Association of Colleges of Pharmacy. Each school, college, or department of pharmacy will be allowed and be limited to two candidates. Application for further information concerning this prize should be made to the Dean of the School of Pharmacy.

THE UNIVERSITY OF NORTH CAROLINA BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION

The University of North Carolina Branch of the American Pharmaceutical Association was organized in the fall of 1922 in response to the need of the students for a local society devoted to the scientific and ethical development of pharmacy as a profession. Eighteen meetings are held during the year at which many lectures are presented by men well known in American pharmacy. The annual dues are $5.00. This fee covers one year's membership in both the local branch and the national association, as well as a copy of the official year book.

PART SIX

COMMENCEMENT
CATALOGUE OF STUDENTS
INDEX

ONE HUNDRED AND THIRTY-FOURTH COMMENCEMENT
1929

Friday, June 7th, Class Day

SENIOR PRAYERS
CLASS EXERCISES OF THE GRADUATING CLASS
RECEPTION TO THE GRADUATING CLASS

Saturday, June 8th, Alumni Day

ANNUAL MEETING OF THE ALUMNI
ALUMNI LUNCHEON
BAND CONCERT
PRESIDENT'S RECEPTION
ALUMNI BALL

Sunday, June 9th, Baccalaureate Sunday

BACCALAUREATE SERMON, Bishop James E. Freeman
GLEE CLUB CONCERT
BAND CONCERT
VESPER SERVICES—Y. M. C. A. SERMON

Monday, June 10th, Commencement Day

COMMENCEMENT ADDRESS, Sir Esme Howard
PRESENTATION OF DIPLOMAS BY
His Excellency, Oliver Max Gardner

DEGREES IN COURSE

Bachelors of Arts

Junius Greene Adams, Jr.
James Bruton Allen
Albert Earl Barnhardt
Ned Ornell Bowman
Marcus Battle Braswell
Gaston Reedy Buford
John David Bulluck, Jr.
Edward Ramsaye Burt, Jr.
Charlotte Josephine Califf
Margaret Hines Carlton
Leon Clarence Cheek
Adrian Booker Couch
Augustus McAlister Covington
George Vernon Cowper, Jr.
Howard Enoch Cox
Charles Mason Crawford, Jr.
Irene Butler Daniel
George Thomas Davis

Rowland Lucius Davis, Jr.
Mary Catherine Dirnberger
Helen Dortch
Eugene Haynes Erwin
John Watts Farthing
Alexander Henderson Galloway, Jr.
Charles N. Gignilliat, Jr.
Bowman Gray, Jr.
Robert McDonald Gray
Bryan Grimes
Wesley Southmayd Griswold
James Donald Hague
James Brownlee Hall
Gould Mitchell Hambright
Nathaniel Harding Henry
George Hamilton Holmes, Jr.
Don Shaw Holt
Nelson Ferebee Howard
Frank Short Howell
Augustus Campbell Jennings
Martin Kellogg, Jr.
Arthur Eugene Knoefel, Jr.
Ann deTreville Lawrence
Frank Wright Lea, Jr.
MacLean Bacon Leath, Jr.
John Baker Lewis
Charles Thomas Lipscomb, Jr.
Robert Andrew Love, Jr.
Frances Mayfield McAlister
Oates McCullen
Harry Woodrow McGalliard
Donald Munro McIntosh
Eunice Stacy MacKay
John Milton McNeil
Basil Humphrey Marshall, Jr.
William Leak Marshall, Jr.
James Allan Metz
Ralph Edwin Miller
Grace Lee Minchener
Karl Ziegler Morgan
Claudius Stedman Morris
Walter Lauren Moses
Jesse Rountree Moye, Jr.
John Wilkins Norwood, Jr.
Haywood Parker, Jr.
Ben Aycock Peacock
Edwin Marvin Perkins
William Louis Phillips
Samuel Lee Presson
John Julius Pringle, Jr.
Lida Ramsay
Kenneth Bryan Raper
Edward Rondthaler III
Mela Allen Royall
Henry Clement Satterfield, Jr.
Carson Fraser Sinclair
Frank LeRoy Smith
William Franklin Smith
Walter Smith Spearman
John Wesley Heartsfield Spears
George Fulton Spell
Benjamin Hampton Sumner
Larry Kendall Syllivant
Catharine Kelso Taylor
Harry Frank Teush
Horace Brown Thompson
Laurence Thompson
Rosalie Thrall
James Annerton Turner, Jr.
Henrietta Underwood
Walter Weddle Vaughan
William Stanley Wall
Lucy Rebecca Walser
Richard Gaither Walser
Lois Morton Warden
Alan Mackenzie Watt
James Harry Weatherly
William Edward Webb
Paul Gregory Weil
John Charles Wessell, Jr.
James William Williams
Lee Gerald Williams
Edward Douglas Wilson
Charles Barnette Wood
Nelson Woodson
Adam Younce

Bachelors of Arts in Education

Malcolm Ray Bonner
Isaac Brock
Henry Nicholas Brown III
Jacob Ernest Cobb
Theodore Joseph Collier
Olan Victor Cook
Ernest Glenn Crowell
Ralph Earl Davis
William Henry Davis
Emerson Bernard Deese
Grant Lester Donnelly
Herbert Junius Fox
Fred Gulley Gilreath
Alton Parker Hall
James Harward
Claude Sims Hinson
Fred Colby Hobson
Elwood Cartelyou Hunter
Thomas Kearn Huss
Addie Louise Johnston
Roland Lincoln Kesler
Lilly Underwood Lilly

David Ramon McCain
Emily Madison McClelland
William Dwight McKinney
Henry Heywood Miller
Harman Whitehurst Morton
Robert James Ormand
Faye Wilma Overcash
Lucian Allen Peacock
William DeCatur Perry
Graham Burgess Poyner
Rebecca Nelle Ranson
Noah Green Raynor
Paul Apperson Reid
Harry Lewis Schwartz
Avon F Sharpe
Paul Edmondson Shearin
James Carlisle Stabler
Clarence Hubert Stewart
Cecil Grady Taylor
Dixon Thomas
Wilburne Wells Turner
Samuel Eason Way
Flora Prevatte Wilson

Bachelors of Science in Geology

Thomas Lingle Kesler
Clifton Carr Stokes

Bachelors of Science in Medicine

Charles Lightfoot Ball, Jr.
Roy Lee Cashwell
Kenneth Lee Cloninger
Giffin Caswell Daughtridge
Harry Lawrence Farrell
Junius Albion Giles, Jr.
*Walter Henry Harmon
Robert Francis Monroe
Roy Hardin Moore
Herman Sutton Powell
**Malcolm Henderson Rourk
Charles Henry Sikes

Bachelor of Science in Chemical Engineering

Robinson Emmons Matthews

Bachelors of Science in Civil Engineering

Francis Lee Adams
William Redmond Anderson
Thomas Green Croom
William Franklin Evans, Jr.
Robert Haile Hayes
Robert Philip Howell
George Burgwin Lockhart
Artis Mock Morgan
Thomas Pasteur Noe, Jr.
Walter John Parks, Jr.
Albert Mendenhall Peele
James Jerry Slade, Jr.
Baxter Francis Wade
Marion Frank Wooten, Jr.

Bachelors of Science in Electrical Engineering

William Alonzo Baxter
James Foster Heffner
Henry James Hines, Jr.
Joseph Williams Holt, Jr.
Walter Boyd Massenburg
William Norwood Michal
William Byron Sharp

Bachelor of Science in Mechanical Engineering

Girard Edgar Boudreau

Bachelors of Science in Commerce

James Carroll Abbott
George E. Anderson
James Weeks Ball
Ray Wolsey Ballard
Charles David Blanton
Nicholas Alexander Bogoluboff
Mortimer William Breman
Alfred Shorter Caldwell III

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* As of 1928.
** As of 1926.

Stanley Manning Carpenter
Charles Albert Carr
Milus Hogue Carroll
Jack Conway Clark
Raymond Field Coltrane
Thomas Chatterton Coxe, Jr.
Simeon Roane Cross
James Anderson Doggett
Edwin Stanhope Dunn
Ernest Ross Froneberger
Edgar Lytle Fulcher
Morris Louis Garmise
Alvin Luther Groce
John Middleton Henderson
Rhoid Brandon Holland
Clarence Dupre Jones, Jr.
Halbert McNair Jones
Claude Shinn Lassiter
James Henry Long
James Melvin McCorkle
William Robert Maney
Frank Egan Matthews
Hugh Leonidas Merritt
James Mebane Mitchelle
Charles Jacob Moore
Benjamin Willis Ormond
John Gilmore Parks
Matthew Kent Pate
Jack Quinerly Patrick
Arthur Low Patterson
Louie Earl Pollock
Irving Mercer Robbins
Benjamin David Schwartz
George Edward Shepard
William Burden Shuford
Paul Taylor Simpson
John Troy Smith
Sidney Caughman Snelgrove
John Springs Stafford
Elbert Elwin Stauber
Alton Clark Underwood
Rogers Christopher Wade
Harold Davis Welborn
Howard Eugene West
Kenneth Clayton Wright

Bachelors of Laws

Lewis Taylor Bledsoe
Dillard Scott Gardner
Alvin Sigmond Kartus
Andrew Campbell McIntosh
Susie Marshall Sharp
James Norfleet Smith
Eugene Graham Thompson

Doctors of Law

Jefferson Barnes Fordham, with honors
Robert Theodore Giles

Graduates in Pharmacy

Walter Clyde Barnwell
David Benjamin Browning
Donald Polen Chamblee
James Beardsley Connell
Tyson Alexander Curtis
Frank Wilson Dayvault
J T Dillehay
Wiley Cleveland Harrell
Charles Ray Hoggard
Charlie Jordan James
John Franklin Koonce
Archie Alva Koonts
John Basil Nelson
Cleo Preston Whitford

Masters of Science

Weldon Varner Harshman
George Clinton Holroyd
Arthur Edward Hughes
Paul James Steele
Charles LaMar Thomas

Masters of Arts

Frances Marion Alexander
Iva Leland Barden
Abram Gustavus Bayroff
Theodore Burdine
Edward Alexander Cameron
Kate Jeffreys Carmichael
Virginia Frances Dean
John Ayman Downs
Edna Deaton Edmonds
Elizabeth Bostick Elmore
Margaret Wesley Fitzgerald
Ruth Fleming

Jefferson Barnes Fordham
Eleanor Howland Graves
Ruth Estill Hamill
Helena Edith Hermance
George Henry Hill
Maloy Alton Huggins
Mary Silema Lawrence
Thomas Horne Leath
Greta Peck Little
Thomas Lee Looper
Virginia Moring McDaniel
Charles Katharine Maddry
William John Olive
Annette May Osborne
James Gilbert Park
Janet Quinlan
John Ephraim Sawyer
Marvin Lucian Skaggs
Mary Elizabeth Smart
Evelyn Mayo Snider
Herman Everette Spivey
Martin Whitford Trawick
William Edward Uzzell

Doctors of Philosophy

Roy Melton Brown, Sociology
Thesis: Public Poor Relief in North Carolina.

George Ward Fenley, Romance Languages
Thesis: The *Roman de la Rose* in the Middle French Period.

Mack Hall Griffin, Classics
Thesis: The Administration of the Roman Province of Cappadocia.

Katharine Jocher, Sociology
Thesis: Studies of Methods in Social Research.

Abner Wellington Kelley, English
Thesis: Music and Literature in the American Romantic Movement.

William Marion Mebane, Chemistry
Thesis: The Solubility of the Phosphates of Calcium in Aqueous Solutions of Sulfur Dioxide.

Robert Dill Norton, Chemistry
Thesis: Grignard Reactions in the Para-Cymene Series.

James Theophilus Penney, Zoölogy
Thesis: Cell Behavior in the Regeneration of Sponges from Dissociated Cells.

Henry Thomas Shanks, History
Thesis: The Secession Movement in Virginia.

Edward Payson Willard, Jr., Classics
Thesis: Seneca as a Source for Information on the Early Caesars.

Katharine Elizabeth Wilson, English
Thesis: Old English Poetic Traditions and Conventions in Layamon's *Brut*.

HONORARY DEGREES

Doctors of Laws

Willis James Brogden
George Hughes Kirby
Clarence Albert Shore
Robert Watson Winston

DEGREES CONFERRED IN AUGUST, 1929

Bachelors of Arts

Peyton Bryant Abbott, Jr.
Marion Romaine Alexander
William Fields Caveness
James Howard Gold
Velma Goode
Catherine Groves
Charles Lewis Haney
George Mann Johnson
John Ralph Johnson
James Harrison Lassiter
Roby Clinton Leonard
Howard T. McCone
Mary Margaret Wray

Bachelors of Arts in Education

William Jackson Bost
Donald Gray Chadwick
Hoyt Milton Hackney
Rufus R. Hackney
Hughes Bayne Hoyle, Jr.
Claiborne Stanford King
Frederick Gray Lane
Davis Lee Moore
Sallie Chessie Murphy
Peggy Elizabeth Nickels
Robert Glenn Payne
Clarence Hatcher Pope
James Curtis Price
John Wyeth Ray
James Mebane Robertson
Charles Reid Ross
Ada Estelle Thompson
Stephen Clarence Woodard

Bachelors of Science in Commerce

William Claiborne Clary, Jr.
Samuel Robert Goldberg
Walter Archibald Watts
Harold Moultire White
Leon Craven Yeargan

Bachelor of Science in Chemistry

Roy Franklin Abernethy

Bachelors of Science in Medicine

Gilbert Bruce Davis
Reid Russell Heffner
George Martin Leiby

Bachelor of Science in Civil Engineering

Thomas Ezekial Witty

Bachelors of Laws

David Meade Feild
Philip Ray Whitley

Doctor of Law

Collier Bryson Sparger

Graduate in Pharmacy

Howard Emsley Whitley

Masters of Science

Samuel Maner Martin, Jr.
Joshua Paul Reynolds

Masters of Arts

Walter Eugene Abernethy
James Hobart Allred
Alexander Yancey Bowie
Allen Dexter Butler
Elizabeth Estelle Chesley
Elsie Mae Crew
VanCourtlandt Elliott
Collie Garner
Elma Estelle Harper
John Baugham Harrison
Edward Maxwell Holder
Alfred Burman Hurt
Katharine Allison Jenkins
Francis Marion Kinard
Charles Yates McDaniel
Linda Shuford McIntosh
Mary Kathryn Monroe
Horace Nims
Henry McClain Owl
Telfair Boys Peet
Marie Ellis Riess
John Alvah Lee Saunders
Ethel Ruth Ward

Doctors of Philosophy

Lee Marshall Brooks Frank William Hoffer
James Welch Patton

MEDALS, PRIZES, AND FELLOWSHIPS

The Eben Alexander Prize in Greek—H. F. Teush.
The Bryan Prize in Political Science—T. T. Brown.
The William Cain Prize in Mathematics—W. R. Wall.
The Callaghan Scholarship Prize in Law—J. B. Fordham.
The Ledoux Fellowship in Chemistry—Ethel M. Chapin.
The Graham Kenan Fellowship in Philosophy—Katherine Gilbert and P. A. Carmichael.
The Mildred Williams Buchan Scholarship in Philosophy—J. M. Cheek.
The Henderson Prize in Mathematics—No award.
The J. W. Bailey N. C. Club Prize—M. R. Alexander.
The Legal Research Prize—No award.
The Hill Law Review Prize—J. B. Fordham.
The Smith Prizes for Research—Languages and Literatures, M. H. Griffin; Social Sciences—H. T. Shanks; Science, J. T. Penney.
The Delta Sigma Pi Key for Scholarship—H. McN. Jones.
The Lehn and Fink Medal in Pharmacy—J. B. Connell.
The Bradham Prize in Pharmacy—F. W. Dayvault.
The Algernon Sidney Sullivan Award—W. S. Spearman.
The Mangum Medal—No award.
The Bingham Prize in Debate—J. C. Williams.

Elected to membership in the *Phi Beta Kappa Society*, 1929: Gordon Gray, President; W. J. Adams, Jr., Vice-President; C. W. Banner, Jr., T. T. Brown, R. S. Collins, R. L. Graham, Jr., R. C. Greene, R. A. Hovis, F. S. Howell, F. B. Kuykendall, Jr., J A. Lang, G. A. Long, J. M. McNeil, Haywood Parker, Jr., K. B. Raper, S. S. Schorr, W. W. Smith, C. G. Taylor, F. M. Taylor, Jr., Dixon Thomas, F. R. Toms, W. E. Underhill, Henrietta Underwood, C E. Waddell, Jr., R. C. Wade, H. C. Wall, Flora P. Wilson, R. L. Zealy; F. L. Adams, N. A. Bogoluboff, C. C. Cates, W. R. Curtis, Catherine Groves, J. M. Henderson, Lilly U. Lilly, W. L. Marshall, Jr., R. L. Murphy, Edward Rondthaler III, R. H. Webb, H. T. Shanks.

Elected to *Sigma XI*, 1929: Active: F. P. Brooks, H. D. Crockford, J. T. Dobbins, W. M. Mebane, J. T. Penney; Associate: A. Bayroff, L. E. Bush, E. A. Cameron, H. N. DeWick, G. B. Dimmick, D. R. Ergle, Ruth E. Hamill, W. V. Harshman, G. C. Holroyd, R. A. Lineberry, H. A. Ljung, S. M. Martin, Jr., W. J. Mattox, R. D. Norton, J. G. Park, J. J. Slade, Jr., P. J. Steele, C. L. Thomas, M. W. Trawick, Ethel R. Ward.

Elected to the Order of the *Coif*, 1929: J. B. Fordham, Susie M. Sharp, W. P. Stacy (Honorary).

THE CATALOGUE OF STUDENTS

The Graduate School, 1929-1930

(Note: No distinction is made in this list between admission to the Graduate School and admission to candidacy for a degree. When no institution is mentioned from which the degree was received, the University of North Carolina is understood. The symbol "S" indicates registration for the summer quarter only.)

Abell, Sheffield Horace ..... Yanceyville
A.B., Elon College, 1925. S. *Education, English*

Abernathy, Thomas Edison ..... Durham
A.B., Duke University, 1929. S. *Mathematics, Education*

Abernethy, Roy Frank ..... Hickory
S.B. in Chem., 1929. First year. *Chemistry*

Abernethy, Walter Eugene ..... Hickory
A.B., Lenoir-Rhyne College, 1922. S. *Education*

Achurch, Robert Waller ..... Charleston, S. C.
A.B., College of Charleston, 1928. First year. *History*

Adams, Charlotte Garth (Mrs. Raymond W.) ..... Chapel Hill
A.B., 1926. First year. *Sociology*

Adams, Louise ..... Pleasant Garden
A.B., High Point College, 1929. First year. *Mathematics, Education*

Adams, Robey Washington ..... Durham
A.B., Trinity College, 1916. Second year. *Education*

Ader, Edith Beatrice ..... Winston-Salem
A.B., Greensboro College, 1922. *English*
A.M., Peabody College. S.

Ahner, Florence Elizabeth ..... Brooklyn, N. Y.
A.B., Adelphi College, 1929. First year. *English*

Albritton, Grady George ..... Knoxville, Tenn.
B.S., Louisiana State University, 1921. *Chemistry, Physics*
M.S., *ibid.*, 1926. S.

Amick, Harold Clyde ..... Amesville
A.B., Elon College, 1920. *Geology*
A.M., 1923. S.

Amick, Jesse Solomon ..... Little Mountain, S. C.
A.B., Lenoir-Rhyne College, 1926. S. *Education*

Anderson, Edward Hutchins ..... Sandy Level, Va.
B.S., University of Virginia. *Economics, Commerce*
M.S., University of Florida, 1928. S.

Anderson, James Perrin ..... Ninety-Six, S. C.
A.B., Wofford College, 1923. *History, Education*
A.M., 1927. S.

Andrews, Columbus ..... Morganton
A.B., 1927. *Rural Social Economics, Economics*
A.M., 1928. Second year.

Ange, Fannie Mae ..... Winterville
A.B., Meredith College, 1926. First year. *Mathematics. Physics*

Anglin, Grace Louvenia ..... Burnsville
A.B., North Carolina College for Women, 1927. S. *Mathematics, Education*

Atkinson, Minnie ..... Chapel Hill
Ph.B., Elon College, 1919. S. *Education*

Austin, Lucy Estelle ..... Taylorsville
A.B., Elon College, 1924. *Latin*
A.M., 1926. S.

Bailey, Joe C. ..... Danville, Ill.
A.B., University of Illinois, 1924. First year. *English*

Bain, Terry Reid.....Dunn
A.B., Wake Forest College, 1922. S. *English*

Ballenger, Stanley Thomas.....Raleigh
A.B., 1925. S. *Spanish, French*

Banner, Carolyn Rose.....Columbus, Ga.
A.B., Florida State College for Women, 1929. First year. *English*

Barker, Myron Irving.....Carrollton, Ky.
A.B., Cornell University, 1923. *French, Spanish*
A.M., 1927. Fourth year.

Barkley, Key Lee.....Chapel Hill
A.B., Berea College, 1926. *Psychology, Sociology*
A.M., 1927. Fourth year.

Barnes, Bahnson Neil.....Lumberton
A.B., Wake Forest College, 1926. S. *Education*

Barnes, Sherman Bisbee.....Larchmont, N. Y.
A.B., Columbia University, 1929. First year. *History, Government*

Barnes, William Braddy.....Chapel Hill
A.B., 1917. S. *History, Education*

Barrett, Imogene.....Stantonsburg
A.B., Duke University, 1924. S. *Sociology*

Barrier, John Franklin.....Concord
A.B., Lenoir-Rhyne, 1929. S. *Education*

Barron, Davis Nye.....Collegeboro, Ga.
B.S., Mississippi A. & M. College, 1915. *Economics, Sociology*
A.M., Peabody College, 1927. S.

Bass, Cora Webb.....Hattiesburg, Miss.
A.B., Mississippi College for Women, 1927. S. *English*

Bayroff, Abram Gustavus.....Bayonne, N. J.
B.S., New York University, 1927. *Psychology*
A.M., 1929. Third year.

Beard, Ellen Meek.....Cornelius
A.B., Winthrop College, 1924. S. *English, History*

Beard, Palmar Dale.....Matthews
A.B., Erskine College, 1921. S. *Education*

Beatty, Thelma Louise.....Chapel Hill
A.B., Coe College, 1921. *Sociology, Psychology*
A.M., Boston University, 1926. First year.

Beeson, Lola Gertrude.....Randleman
A.B., Guilford College, 1927. S. *Education, History*

Beeson, Margaret Ailene.....Randleman
A.B., Guilford College, 1927. S. *History, Education*

Bell, Lelia.....Dawson, Ga.
A.B., Agnes Scott College, 1927. S. *French, Spanish*

Bell, Lorenzo James.....Rockingham
A.B., 1927. Third year. *German, French*

Bell, Martha.....Dawson, Ga.
A.B., Brenau College, 1924. S. *Latin, History*

Bennett, Thomas Benjamin, Jr.....Charleston, S. C.
B.S., The Citadel, 1928. Second year. *Civil Engineering*

Betts, Mildred Garner.....Perry, Fla.
A.B., University of Chattanooga, 1925. S. *French Spanish*

Beust, Nora.....Chapel Hill
A.B., University of Wisconsin, 1922. Second year. *Education*

Binns, Missouri.....Columbus, Ga.
A.B., Shorter College, 1924. S. *French*

Blackwelder, Ruth.....Concord
A.B., Wittenberg College, 1922. First Year. *History, Government*

Blue, Dora Bell.....Hoffman
A.B., Duke University, 1924. S. *Education, French*

Blythe, Fred LeRoy.....Davidson
A.B., Davidson College, 1907. *Spanish*
A.M., 1910. S.

Boney, Mrs. Inez Crump.....Smithfield
A.B., 1928. S. *Rural Social Economics*

Bookhardt, Maisie.....Elloree, S. C.
A.B., Winthrop College, 1924. S. *English*

Bourne, Elliott Grayson.....Independence, Va.
A.B., Berea College, 1924. S. *Education, Psychology*

Bourne, William Raymond.....Spartanburg, S. C.
A.B., Wofford College, 1923. *English*
A.M., 1927. S.

Bowen, Sumter.....High Point
A.B., Transylvania College, 1929. First year. *Education*

Bowie, Alexander Yancey.....Birmingham, Ala.
A.B., Davidson College, 1924. S. *English*

Boyington, Gladys A.....Greensboro
A.B., University of Michigan, 1920. *Education*
A.M., Columbia University, 1925. First year.

Bowlin, Bruce.....Laurel Springs
A.B., Elon College, 1927. S. *Education, English*

Bowlin, Vaughan.....Laurel Springs
A.B., Elon College, 1927. S. *Education, History*

Boyd, James Emory.....Tignall, Ga.
A.B., University of Georgia, 1927. *Physics*
A.M., Duke University, 1928. S.

Boyette, Clenon Festus.....Wade
A.B., 1918. S. *Education*

Boyette, James Gilbert.....Kenly
A.B. in Educ., 1927. S. *Education*

Bradley, Clifton James.....Chapel Hill
B.S., University of Kentucky, 1926. *Economics, Sociology*
M.S., University of Illinois, 1927. S.

Bradshaw, Dorsey Thomas.....Efland
B.S., Davidson College, 1911. S. *Education*

Brainard, Harry Gray.....Spencerport, N. Y.
S.B. in Commerce to be awarded, June, 1930. First year. *Economics*

Brandt, Bartholomew Brandner.....Pass Christian, Miss.
B.S., Mississippi A. & M. College, 1917. S. *Education*

Brannon, Lena Belle.....Statesboro, Ga.
A.B., Georgia Wesleyan College, 1922. S. *French, Latin*

Brashear, Minnie May.....Columbia, Mo.
A.B., University of Missouri, 1907. *English*
A.M., *ibid.*, 1922. Second year.

Braun, Milton Lau.....Asheville
A.B., Wake Forest College, 1915. *Physics, Mathematics*
A.M., 1924. Third year.

Brewster, Paul Graham.....Knoxville, Tenn.
B.S., Oakland City College, 1920. *English*
M.A., University of Wisconsin, 1926. First year.

Bridges, Clem.....Elm City
A.B., Atlantic Christian College, 1917. S. *Education, Mathematics*

Briggs, David Hezekiah.....Marshall
A.B., Maryville College, 1919. *Education*
A.M., 1924. Third year.

Brinton, Hugh Penn, Jr.....Chapel Hill
A.B., Haverford College, 1924. *Sociology, Rural Social Economics*
A.M., University of Pennsylvania, 1927. Third year.

Brinton, Lilian Pearson (Mrs. Hugh Penn, Jr.).....Chapel Hill
A.B., North Carolina College for Women, 1927. Second year. *Sociology, History*

Brooks, Inez Porterfield (Mrs. J. M.).....Greensboro
A.B., University of Georgia, 1927. S. *English*

Brooks, Lee Marshall.....Chapel Hill
A.B., Boston University, 1925. *Sociology, Psychology*
A.M., 1926. S.

Brooks, Mary Elizabeth.....Kinston
A.B., North Carolina College for Women, 1924. S. *French, Education*

Brown, Grady Anderson.....Hillsboro
A.B., Elon College, 1923. S. *Education, History*

Bruton, Margaret Jeanette.....Mann's Harbor
A.B., Elon College, 1929. First year. *Mathematics, Education*

Buchanan, Maude Healy.....Columbia
A.B., Chowan College, 1927. First year. *Latin, English*

Bullitt, Margaret Randolph.....Chapel Hill
A.B., Smith College, 1928. First year. *Special Student*

Bullock, Roberts Cozart.....Bahama
A.B., 1926. *Mathematics, Physics*
A.M., 1928. Fourth year.

Bundrick, Olin Wyse.....Greenville, S. C.
A.B., Newberry College, 1926. S. *Education*

Bunn, Bonnie David.....Lillington
A.B., Wake Forest College, 1920. *Education, Sociology*
A.M., 1928. S.

Bunn, Jackson Howard.....Zebulon
A.B., Duke University, 1925. S. *Education*

Bush, Sarah Janie.....Barnesville, Ga.
A.B., University of Georgia, 1927. First year. *Latin, French*

Bush, Laurens Earl.....Chapel Hill
B.S., The Citadel, 1919. *Mathematics*
S.M., 1926. Fifth year.

Butler, Allen Dexter.....Liberty
A.B., 1924. S. *English*

Buttitta, Anthony James.....Monroe, La.
A.B., University of Texas, 1929. First year. *English*

Byers, Mary Carroll.....Gaffney, S. C.
A.B., Shorter College, 1923. S. *English*

Byrd, Ruth Evelyn.....Society Hill, S. C.
A.B., Winthrop College, 1925. S. *History*

Byrd, Ralph Milledge.....Charleston, S. C.
B.S., The Citadel, 1923. *Chemistry, Physics*
S.M., 1925. S.

Caldwell, Elizabeth.....Yazoo City, Miss.
A.B., Belhaven College, 1927. S. *History*

Cameron, Edward Alexander.....Manly
A.B. in Educ., 1928. *Mathematics*
A.M., 1929. Second year.

Campbell, Annie Louise.....Homer, S. C.
A.B., North Carolina College for Women, 1920. S. *English, History*

Campbell, Margaret Virginia.....Florence, S. C.
A.B., Florida State College for Women, 1922. S. *Spanish, French*

Campbell, Mildred Hill.....Aberdeen
A.B., Queens College, 1925. S. *English, Education*

Cannady, Martha .....Dunn
A.B., North Carolina College for Women, 1927. S. *Sociology, Education*

Cannon, Claude Marcus.....Elon College
A.B., Elon College, 1921. First year. *Education, Sociology*

Carmichael, Mrs. Kate Jeffreys.....Chapel Hill
B.S., North Carolina College for Women, 1909. *English*
A.M., 1929. Second year.

Carmichael, Peter Archibald.....Anniston, Ala.
B.S., Johns Hopkins University, 1927. *Philosophy, History*
A.M., Columbia University, 1928. Second year.

Carpenter, Benjamin Franklin.....Brookneal, Va.
A.B., Lynchburg College, 1927. First year. *Comparative Literature, French*

Carpenter, Nora .....Ansonville
A.B., 1926. Fourth year. *French, Spanish*

Carpenter, Velma Faith.....Lincolnton
A.B., Lenoir-Rhyne College, 1928. S. *Education*

Carroll, Bertha Lucretia.....Winterville
A.B., Meredith College, 1913. *English*
A.M., Cornell University, 1924. S.

Carroll, John Erwin, Jr.....York, S. C.
B.S., The Citadel, 1923. *French, Spanish*
A.M., 1928. Third year.

Carroll, Curtis Calvin.....Mizpah
A.B., 1923. S. *Education*

Cauble, Franklin Pierce.....High Point
A.B., Lenoir-Rhyne College, 1926. *English*
A.M., University of South Carolina, 1929. First year.

Cauthen, Charles Edward.....College Place, S. C.
A.B., Wofford College, 1917. *History*
A.M., Columbia University, 1925. S.

Carver, James Edward.....Rock Hill, S. C.
A.B., University of Richmond, 1926. Second year. *English*

Chadwick, Donald Gray.....Straits
A.B. in Educ., 1929. S. *Education, History*

Chapin, Ethel May.....Lorain, O.
B.S., University of Chattanooga, 1925. First year. *Chemistry, Mathematics*

Chase, Harold Mason.....Danville, Va.
S.B. in Civil Engg., Massachusetts Institute of Technology, *Chemistry*
1896. First year.

Chase, Lew Allen.....Marquette, Mich.
A.B., University of Michigan, 1910. First year. *History, Economics*

Cheek, John Morgan.....Sparta
A.B., 1893. *Philosophy, Education*
A.B., Harvard University, 1895. First year.

Cheek, Philip Macon.....Inez
A.B., 1927. *Latin*
A.M., 1928. Second year.

Cherry, Nancy.....Rock Hill, S. C.
A.B., Winthrop College, 1927. S. *English, Education*

Chesley, Elizabeth Estella.....Hamilton, Tex.
A.B., Texas State College for Women, 1928. S. *English*

Chester, Harry Malcolm.....Griffin, Ga.
B.S. in Educ., Emory University, 1927. S. *Education*

Clark, Ewan Somerville.....Halifax, Nova Scotia
B.A., Dalhousie University, 1927. *History*
M.A., University of Toronto, 1928. First year.

Clark, Joseph Leon.....Waters, La.
A.B., Louisiana College, 1924. *Education, Rural Social Economics*
A.M., 1927. Second year.

Clifford, Alfred Turner.....Statesville
S.B. in Chem., 1927. *Chemistry, Physics*
S.M., 1928. S.

Coates, Addie Whitehurst (Mrs. R. F.).....Snow Hill
B.S., North Carolina College for Women, 1918. S. *French, Education*

Coates, Kenneth Daniel.....Smithfield
A.B., 1925. S. *English*

Coates, Robert Floyd.....Snow Hill
A.B., 1923. S. *Education, History*

Cochran, Howard Smith.....Rutherfordton
A.B. in Educ., 1928. S. *Education*

Coker, Edward Caleb, Jr.....Columbia, S. C.
B.S., University of South Carolina, 1928. Second year. *Mathematics*

Coker, Eleanor Ruth.....Hartsville, S. C.
A.B., Randolph-Macon Woman's College, 1925. Second year. *English*

Colburn, Burnham Standish, Jr.....Biltmore Forest
S.B. in Civ. Engg., 1929. First year. *Civil Engineering*

Collins, Eliza Amelia.....Wilmington
A.B., North Carolina College for Women, 1918. S. *English*

Collins, Ralph Stokes.....Ayden
A.B. to be awarded, June, 1930. First year. *German, English*

Conn, Miller Wade.....Hazelhurst, Miss.
A.B., Mississippi College, 1929. First year. *Chemistry, Physics*

Connor, James Walker.....St. George, S. C.
A.B., The Citadel, 1926. S. *Mathematics, Education*

Connor, Leon Nuckalls.....St. George, S. C.
A.B., University of South Carolina, 1921. S. *Education, English*

Constable, Ernest William.....Durham
B.S. in Chem. Engg., N. C. State College, 1921. *Chemistry, Zoology*
S.M., 1923. Second year.

Coon, Junius William.....Lincolnton
A.B., Lenoir-Rhyne College, 1925. S. *Education, History*

Cottrell, Walter David.....Richmond, Va.
B.S., Virginia Polytechnic Institute, 1925. S. *Education*

Corbitt, Duvon Clough.....Pearson, Ga.
A.B., Asbury College, 1923. *History, Government*
M.A., Emory University, 1926. First year.

Couch, Elizabeth Calvert (Mrs. W. T.).....Chapel Hill
A.B., North Carolina College for Women, 1922. S. *History*

Covington, Andrea .....Wadesboro
A.B., Meredith College, 1924. S. *Mathematics, Education*

Covington, Louelle.....Clio, S. C.
A.B., Coker College, 1921. S. *Latin, Education*

Cox, Ernest Haynes.....Jefferson City, Tenn.
A.B., Carson-Newman College, 1927. S. *English, Latin*

Cox, Floyd Milton.....Climax
A.B., Guilford College, 1929. First year. *Psychology, Education*

Creech, Walter Devereux.....Goldsboro
A.B., 1928. Second year. *French, Spanish*

Crew, Elsie Mae.....Pleasant Hill
A.B., North Carolina College for Women, 1927. S. *English*

Crosby, Roy Ledford.....Ruffin, S. C.
A.B., Wofford College, 1922. S. *Sociology, Economics*

Cross, Kate Howard.....Marion, S. C.
B.A., Columbia College, 1910. S. *Latin*

Crossen, Helen Jameson.....Montrose, Pa.
A.B., Berea College, to be conferred in June, 1930. First year. *English*

Daniel, Sallie Fannie.....Dearing, Ga.
A.B., University of Georgia, 1924. S. *Mathematics, Education*

Daugherty, John Fenton.....Newark, Del.
A.B., University of Alabama, 1923. *Physics, Mathematics*
A.M., 1925. Third year.

Davey, Lila Mabel.....Thomson, Ga.
A.B., Bessie Tift College, 1920. S. *English*

Davidson, George Channess.....Roxboro
A.B., Elon College, 1904. S. *Education, Sociology*

Davidson, Mabel.....Lynchburg, Va.
A.B., Randolph Macon Woman's College, 1906. S. *English*

David, Frances Rosalind.....Indianapolis, Ind.
A.B., Butler University, 1928. S. *Spanish, French*

Davis, Jewell Faye.....Clemmons
A.B., North Carolina College for Women, 1927. S. *Education, History*

Dawes, Robert Gates.....Philadelphia, Pa.
A.B., Swarthmore College, 1929. First year. *English*

Deans, Edwina.....Wilson
A.B., North Carolina College for Women, 1925. S. *Education*

Dees, Owen.....Russellville, Ala.
A.B., Howard College, 1928. S. *English, History*

Denson, Charles A.....Tarboro
A.B., 1926. S. *Mathematics*

Denton, Virginia Lyn.....Marks, Miss.
A.B., Univ. of Mississippi, 1929. First year. *Sociology, Rural Social Economics*

Deskins, Stuart Columbus.....Greensboro
A.B., Elon College, 1923. *History, Government*
A.M., 1926. S.

DeWick, Henry Nelson.....Chapel Hill
A.B., Wesleyan University, 1927. *Psychology*
A.M., *ibid.*, 1928. Second year.

Deyton, Jason Basil.....Spruce Pine
A.B., Maryville College, 1920. S. *History, Education*

Dickson, Albert Joseph.....Calypso
A.B. in Educ., 1928. S. *Education*

Dickson, Maxcy Robson.....Marion, S. C.
A.B., Wofford College, 1925. S. *History*

Dillin, Harry Leslie.....Hammond, N. Y.
B.A., St. Stephen's College, 1928. First year. *Mathematics, Economics*

Dimmick, Graham Bennett.....Sanford
A.B., 1926. *Psychology, Education*
A.M., 1927. Fourth year.

Dixon, Vera Catherine.....Shelby
A.B., Meredith College, 1924. S. *History*

Dorn, Lillian.....Greenwood, S. C.
A.B., Winthrop College, 1928. S. *Latin, Comparative Literature*

Dorsett, Robert Clyde.....Siler City
A.B., 1921. S. *Education*

Douglas, Edgar Clinton.....Rockwell
A.B., Davidson College, 1924. S. *Education, History*

Douglas, Claire Janet.....High Point
A.B., High Point College, 1929. First year. *Spanish, French*

Downs, John Ayman.....Chapel Hill
A.B. in Educ., 1927. *French, Spanish*
A.M., 1929. Third year.

Doyle, Ida Beth.....Seneca, S. C.
A.B., Winthrop College, 1926. S. *English*

Drake, William Earle.....Chapel Hill
A.B., 1924. *Education, History*
A.M., 1928. Third year.

Duls, Louisa De Saussure.....Charlotte
A.B., Agnes Scott College, 1926. S. *English, Education*

Duncan, Maude Helen.....Asheville
A.B., 1923. *French, Spanish*
A.M., 1924. S.

Dupree, Benjamin Owen.....Plymouth
A.B., 1921. S. *Education, History*

Earhart, Lyman De Witt.....Westminster, Md.
A.B., Western Maryland College, 1924. S. *Education*

Early, Abram Doyle.....Aulander
B.S., Wake Forest College, 1927. S. *Education, Mathematics*

Eddleman, Marvin Brevard.....China Grove
A.B., 1927. S. *English*

Edwards, Mattie Erma.....Hookerton
A.B., North Carolina College for Women, 1925. *Government, History*
A.M., 1928. S.

Eliason, Nancy Blair.....Statesville
A.B., 1928. First year. *Botany*

Elliott, Van Courtland.....Keene, N. H.
A.B., Bowdoin College, 1928. S. *Latin, Greek*

Ellmore, George Herbert.....Statesville
B.D., Union Theological Seminary, 1918. Second year. *Education, Sociology*

Emory, Samuel Thomas.....Chapel Hill
A.M., Randolph Macon College, 1918. *Education*
A.M. in Educ., Columbia University, 1920. First year.

English, Ethel Evangeline.....Mars Hill
B.S., Meredith College, 1922. S. *Education*

Ergle, David Ramsey.....Augusta, Ga.
B.S., Clemson College, 1926. *Chemistry, Physics*
S.M., 1928. Third year.

Everett, Thomas Russell.....Seaboard
B.S., University of Georgia, 1923. S. *Education, Psychology*

Evins, Samuel Carroll.....Culleoka, Tenn.
A.B., Vanderbilt University, 1924. *English*
A.M., *ibid.*, 1928. First year.

Falls, Janet.....Kings Mountain
A.B., Winthrop College, 1927. S. *History, Education*

Farrar, Broadus Fleshman.....Knoxville, Tenn.
A.B., Mercer University, 1923. *English, History*
M.A., University of Alabama, 1925. First year.

Farriss, Carl Vernon.....Deland, Fla.
A.B., Stetson University, 1914. *History, Government*
A.M., *ibid.*, 1915.
LL.B., *ibid.*, 1928. First year.

Fenn, Martha Willson.....Princeton, N. J.
A.B., Vassar College, 1921. *English*
M.A., Columbia University, 1927. First year.

Ferguson, Clyde Vestal.....Saxapahaw
A.B., 1917. First year. *Education, Psychology*

Field, Mason Dillard.....Monroe
A.B., Davidson College, 1924. S. *Education*

Figgat, William Burnett.....Roanoke, Va.
B.S., Roanoke College, 1927. First year. *English*

Finley, Theodore Roosevelt.....White Rock
A.B., Tusculum College, 1925. S. *Spanish, French*

Fleming, Jacob Sipe.....Warsaw
A.B., Elon College, 1912. S. *Education, Sociology*

Fleming, Louise.....Enterprise, Ala.
A.B., Alabama College, 1927. S. *History, Government*

Fleming, Mary Katherine.....Raleigh
A.B., North Carolina College for Women, 1929. First year. *Sociology*

Flowers, Albert Haynes.....Manatee, Fla.
A.B., Wake Forest College, 1909. S. *Education*

Floyd, Lorton Herbert.....Brown Summit
A.B., Furman University, 1915. S. *Education*

Fontaine, Matthew Maury.....Woodsdale
B.E., N. C. State College, 1916. S. *Education*

Forbes, Rufus Bradley.....Shawboro
A.B., 1926. S. *History, Education*

Ford, Atha Enon.....Taylorsville, Miss.
A.B., Mississippi College, 1929. S. *Rural Social Economics*

Ford, Edwina.....Goodman, Miss.
A.B., University of Mississippi, 1927. S. *Latin*

Ford, Mrs. Marguerite Cummings.....Summit, N. J.
A.B., University of Michigan, 1926. First year. *Sociology*

Foster, Sarah Lettice.....Chesnee, S. C.
A.B., Winthrop College, 1922. S. *Latin, Comparative Literature*

Fountain, Alvin Marcus.....Catharine Lake
B.E., N. C. State College, 1923. *English*
M.S., *ibid.*, 1925. S.

Fox, Joe Thomas.....Franklinville
A.B., 1927. S. *Education, English*

Francis, Grace Allen.....Waynesville
A.B., Meredith College, 1924. S. *History*

Franklin, Burney DeWitt.....Landis
A.B., 1923. S. *Education*

Fry, Thaddeus Nathan.....Candor
A.B., Wake Forest College, 1924. S. *Education*

Funderburk, Robert Steele.....Great Falls, S. C.
A.B., Furman University, 1927. First year. *History*

Furr, Alma E.....Stanfield
A.B., North Carolina College for Women, 1927. S. *History, Sociology*

Gallent, John Bryant.....Chapel Hill
B.S., Davidson College, 1925. *Chemistry, Physics*
S.M., 1928. Third year.

Gamble, Mrs. Mary Lipe.....Greenville, Miss.
A.B., Barnard College, 1907. *Sociology*
A.M., Columbia University, 1908. S.

Garner, Collie.....Waynesville
A.B., North Carolina College for Women, 1924. S. *English*

Garner, Wilma Howell.....Goldston
A.B., Queens College, 1925. S. *Education*

Garrett, Nita.....Sylva
A.B., Meredith College, 1925. S. *History*

Garrett, Robert Lee.....Bowdon, Ga.
B.S., University of Georgia, 1926. First year. *Mathematics, Physics*

Garrison, Margaret.....Rock Hill, S. C.
A.B., Winthrop College, 1925. S. *English, Education*

Garriss, Stanley Adams.....Conway
A.B., 1928. S. *Education*

Gayle, Emily Dearborn.....Farmville
A.B., East Carolina Teachers' College, 1925. S. *English, Education*

Gehrke, William H.....Greensboro
Graduate, Concordia Seminary, 1917. S. *History*

Gibbons, Francis Edward.....Southern Pines
Ph.B., Boston University, 1926. S. *History, Education*

Gilbert, Herbert M.....Florence, S. C.
A.B., Wofford College, 1926. S. *Education*

Gilreath, Esmarch Senn.....North Wilkesboro
A.B., 1926. *Chemistry, Physics*
A.M., 1927. Second year.

Glass, Jewel Jeanette.....Washington, D. C.
A.B., George Washington University, 1926. *Geology*
A.M., *ibid.*, 1929. First year.

Graham, Robert Lee, Jr.....Charlotte
A.B. to be awarded, June, 1930. First year. *Government, History*

Graham, Jane Kirkland.....Wolfton, S. C.
A.B., University of Michigan, 1925. S. *English, Sociology*

Grainger, Fannie M.....Farmville, Va.
B.S., State Teachers College, Farmville, Va., 1929. First year. *Zoology*

Green, Herbert Charles.....Jackson Springs
B.S., N. C. State College, 1929. First year. *Education, Sociology*

Green, Ralph Waldo.....Raleigh
B.S., Cornell University, 1914. *Sociology, Economics*
M.S., N. C. State College, 1925. S.

Griffith, Bruce Willis.....Charlotte
A.B., 1926. S. *Education, Mathematics*

Grissette, Genevieve Power (Mrs. F. A.).....Chapel Hill
A.B., Gettysburg College, 1921. First year. *Spanish, French*

Gumble, Mrs. Nora Del Smith.....Paupack, Ind.
A.B., University of Indiana, 1907. First year. *English*

Haddock, Ernest Henry.....Kingstree, S. C.
A.B., Furman University, 1926. *Physics, Mathematics*
A.M., Vanderbilt University, 1928. S.

Hager, Onslow Bonner, Jr.....Danville, Va.
S.B. in Chem., 1927. *Chemistry*
S.M., 1928. Second year.

Hagoode, Monroe Johnson.....Ayman, S. C.
A.B., The Citadel, 1929. S. *English*

Hallman, John Abel.....Vale
A.B., Wake Forest College, 1927. S. *Education*

Hamel, Inez.....Kershaw, S. C.
A.B., Columbia College, 1912. S. *French, Latin*

Hamill, Ruth Estill.....Dallas, Tex.
A.B., Southern Methodist University, 1925. *Psychology*
A.M., 1929. Second year.

Hamilton, Joseph William.....Atlantic
A.B., Wake Forest College, 1914. S. *Education*

Hamilton, Mrs. Marie Padgett.....Tucson, Ariz.
A.B., Greenville Woman's College, 1916. *English*
A.M., University of Arizona, 1926. S.

Hampton, Lelia.....Chapel Hill
A.B., North Carolina College for Women, 1924. Second year. *English*

Hamrick, Lillian Ada.....Forest City
A.B., Carson-Newman College, 1929. S. *Latin, English*

Harbin, Mary Katherine.....Mullins, S. C.
A.B., Lander College, 1927. First year. *English*

Hardy, Martha Crumpton.....Belton, Tex.
A.B., Baylor College, 1926. S. *English*

Harper, Elma Estelle.....Trenton
A.B., North Carolina College for Women, 1923. S. *Spanish, French*

Harmon, Annie Olivia.....Pittsboro
A.B., Meridian College, 1920. *English*
A.M., 1925. Fourth year.

Harris, Katherine Frances.....Wadesville
A.B., Meredith College, 1927. S. *French, English*

Harris, Robert Chalmers.....Concord
A.B., 1927. S. *Education, English*

Harrison, John Baugham.....Rich Square
A.B., 1928. S. *History*

Hart, Lorraine Page (Mrs. O. P.).....Coral Gables, Fla.
A.B., Rollins College, 1924. First year. *English*

Hart, Oliver Philip.....Coral Gables, Fla.
A.B., Davidson College, 1919. *Physics, Mathematics*
M.A., *ibid.*, 1920. First year.

Hartsell, Earl Horace.....Elizabeth City
A.B., 1924. S. *Education*

Hartsell, Frank Seneca.....Concord
A.B., Westminister College, 1926. S. *Education*

Hauser, Ira Otis.....White Plains
A.B., Elon College, 1922. S. *Education*

Hawk, Mary Ellen.....Danville, Va.
A.B., Randolph-Macon Woman's College, 1929. S. *Latin, English*

Hawkins, James Ralph.....Athens, Ohio
A.B. in Commerce, Ohio University, 1923. S. *Education*

Haynes, John Wiley.....Clermont, Ga.
A.B. in Educ., North Georgia Agricultural College, 1929.
First year. *History, Government*

Haynes, Laurine.....Greenville, S. C.
A.B., Coker College, 1925. *Latin, French*
A.M., 1928. Second year.

Heacock, Sara Frances.....St. Petersburg, Fla.
A.B., Stetson University, 1929. First year. *History*

Helms, Ray Sylvester.....Monroe
A.B., Elon College, 1925. *Education, English*
A.M., University of Virginia, 1926. S.

Hendricks, Hadley Monroe.....High Point
A.B., 1927. S. *Education, English*

Hendricks, Katherine Niel.....Berea, Ky.
A.B., Berea College, 1926. Second year. *French, Comparative Literature*

Hendrix, William Paul.....Chattanooga, Tenn.
B.S., University of Alabama, 1924. S. *Spanish, French*

Henry, Robert Gilbert.....Rock Hill, S. C.
A.B., Presbyterian College of S. C., 1925. *Physics, Mathematics*
M.S., University of Kentucky, 1927. S.

Herbert, Harriet Bryce.....Darlington, S. C.
A.B., Randolph-Macon Woman's College, 1919. S. *Mathematics*

Herbert, John Curtis, Jr.....A. & M. College, Miss.
B.S., Mississippi A. and M. College, 1929. First year. *Commerce, Economics*

Hicks, Ernest .....Washington
B.S., Peabody College, 1925. *Education*
A.M., *ibid.*, 1926. First year.

Hill, Mary Jane.....La Grange, Ga.
A.B., Randolph-Macon Woman's College, 1926. First year. *English*

Hipp, Bertha Carl.....Charlotte
A.B., Duke University, 1929. First year. *Sociology, Education*

Hobdy, Mary C.....Montgomery, Ala.
A.B., University of Tennessee, 1924. S. *History, French*

Hocutt, Olivia Blanche.....Ashton
A.B., Meredith College, 1923. *Education, History*
A.M., Columbia University, 1928. S.

Hodges, Ruth Click.....Mocksville
A.B., Guilford College, 1925. S. *Education, English*

Hodgin, Samuel H.....Greensboro
A.B., Harvard University, 1902. First year. *English*

Hoffer, Frank William.....University, Va.
Ph.B., University of Chicago, 1917. *Sociology, Rural Social Economics*
A.M., *ibid.*, 1918. S.

Hogan, William Johnson.....Williamsburg, Va.
A.B., William and Mary College, 1927. S. *Latin*

Holder, Brantson Beeson.....Calypso
A.B., 1915. S. *Economics*

Holder, Edward Maxwell.....Tobaccoville
A.B., Guilford College, 1925. S. *History*

Holland, William Thompson.....Charlotte
S.B. in Geology to be awarded, June, 1930. First year. *Geology*

Hollett, Arthur Russell.....Chapel Hill
S.B. in Civil Engg. 1928. Second year. *Civil Engineering, Geology*

Hollowell, Minnie ..... Edenton
A.B., Meredith College, 1922. S. *History*

Holmes, Bessie Louise ..... Graham
A.B., Elon College, 1922. S. *Education*

Hood, Cyrus Lee ..... Mooresville
A.B., Erskine College, 1923. *Education*
A.M., University of Virginia, 1926. S.

Hood, Robin ..... Valdosta, Ga.
Ph.B., Emory University, 1927. S. *Economics, Sociology*

Howell, James ..... Wilkesboro
A.B., Guilford College, 1925. S. *English*

Howell, Frank Short ..... Fayetteville
A.B., 1929. First year. *French, Italian*

Howland, Elizabeth Warren ..... Henderson
A.B., North Carolina College for Women, 1927. First year. *English*

Hudson, Arthur Palmer ..... University, Miss.
B.S., University of Mississippi, 1913. *English*
M.A., *ibid.*, 1920.
M.A., University of Chicago, 1925. First year.

Hudson, Homer Clarence ..... Charlotte
A.B., Furman University, 1922. S. *Education, Mathematics*

Hudson, Isham Barney ..... Lumberton
A.B., Wake Forest College, 1925. S. *History, Education*

Huffman, Edward Earl ..... Hickory
A.B., Lenoir-Rhyne College, 1928. First year. *Chemistry*

Hughes, Ausker Edward ..... Chapel Hill
B.S., Carson-Newman College, 1927. *Chemistry, Physics*
S.M., 1929. Second year.

Huggins, Bessie B. (Mrs. J. D.) ..... Boiling Springs
A.B., Erskine College, 1905. S. *Latin*

Huggins, James Dwyer ..... Boiling Springs
A.B., Catawba College, 1903. S. *Mathematics*

Hunsaker, Richard Orr ..... Memphis, Tenn.
A.B., Southwestern College, 1929. First year. *English*

Hunter, Charles Richards ..... Maxton
A.B., Davidson College, 1925. S. *History, Education*

Hunter, Elwood Cartelyou ..... Tobaccoville
A.B. in Educ., 1929. Second year. *Education*

Hunter, Ida Louise ..... High Point
A.B., Winthrop College, 1921. S. *Latin, Education*

Hurley, Leonard Burwell ..... Greensboro
A.B., Trinity College, 1913. *English*
A.M., *ibid.*, 1916. First year.

Hurt, Alfred Burman ..... Nathan's Creek
A.B., Bridgewater College, 1916. S. *Education*

Huss, Jessie Pearl ..... Lincolnton
A.B., Lenoir-Rhyne College, 1928. S. *Education*

Hutchinson, Connor Rankin ..... Charlotte
Ph.B., Elon College, 1921. S. *Education*

Isley, Ernest Boston ..... Gibsonville
A.B. in Educ., 1927. S. *Education, Sociology*

Jay, William Mason ..... Elon College
A.B., Defiance College, 1911. *English*
A.M., Ohio State University, 1916. S.

Jenkins, Sadie Franklin ..... Nashville
A.B., Greensboro College, 1921. First year. *English, Comparative Literature*

Jenkins, Katharine Alison ..... Courtenay, Fla.
A.B., Converse College, 1927. S. *English*

Jenkinson, Ruth Louise ..... Greenville, S. C.
A.B., Greenville Woman's College, 1926. S. *History, French*

Jennings, Augustus Campbell.....Jennings
A.B., 1929. First year. *Spanish, French.*

Johnson, A. Burnett.....Fuquay Springs
A.B., Elon College, 1927. S. *Education*

Johnson, Bessie Frank.....Rose Hill
A.B., Meredith College, 1918. S. *English, Education*

Johnson, Ferdie Talmadge.....Manteo
A.B., Wake Forest College, 1916. S. *History, Education*

Johnson, Ruth.....Fuquay Springs
Ph.B., Elon College, 1916. S. *English Education*

Johnson, Vera.....Register, Ga.
B.S., Georgia State Woman's College, 1928. S. *Mathematics*

Jones, Bernard Huyette.....Durham
A.B., Duke University, 1929. First year. *History, Government*

Jones, Edith Gertrude.....Eccles, W. Va.
B.A., Lincoln Memorial University, 1929. First year. *English*

Jones, James Russell.....Salisbury
B.S., Princeton University, 1924. S. *Education*

Joyner, Claude Reuben.....Winston-Salem
A.B., 1920. S. *Education, Mathematics*

Joyner, John Bruce.....Woodland
B.S., Wake Forest College, 1926. First year. *Chemistry*

Kanoy, Anne.....Kernersville
A.B., East Carolina Teachers' College, 1928. S. *Education*

Kennedy, Elizabeth Cunningham.....Lugoff, S. C.
A.B., Columbia College, 1924. Second year. *Latin, English*

Kerns, Ida.....Ether
A.B., North Carolina College for Women, 1928. *History, English*
A.M., *ibid.*, 1928. S.

Kesler, Thomas Lingle.....Salisbury
S.B. in Geology, 1929. Second year. *Geology*

Kesler, William Banknight.....Irmo, S. C.
A.B., Newberry College, 1927. S. *Education*

Kinard, Francis Marion.....Clemson College, S. C.
A.B., Wofford College, 1923. S. *English*

Kinard, Katharine Madison.....Rock Hill, S. C.
A.B., Winthrop College, 1926. First year. *English, Latin*

King, Edna Coates (Mrs. A. K.).....Chapel Hill
A.B., North Carolina College for Women, 1927. First year. *History*

King, John William.....Bunlevel, N. C.
A.B., Wake Forest College, 1924. S. *Education, History*

King, Thomas Luther.....Tifton, Ga.
B.S., Emory University, 1929. First year. *Chemistry, Physics*

Kiser, Alna.....Bessemer City
A.B., North Carolina College for Women, 1923. S. *Education, Mathematics*

Kiser, James Alexander.....Cherryville
A.B., Lenoir-Rhyne College, 1929. S. *Mathematics, Education*

Kneece, Eunice Efale.....Bates, S. C.
A.B., Coker College, 1927. S. *History*

Kunkle, Alexander Jay.....Avonmore, Pa.
A.B., Thiel College, 1928. S. *English*

Lang, John Albert.....Carthage
A.B. to be awarded, June, 1930. First year. *History, Government*

Langford, Geneva.....Blythewood, S. C.
A.B., Newberry College, 1927. S. *Mathematics, Education*

Lanham, Louise.....Spartanburg, S. C.
A.B., Randolph-Macon Woman's College, 1906. *English*
A.M., 1927. Second year.

Lawrence, Alfred Stratton.....Chapel Hill
A.B., Columbia University, 1902. *History, Government*
A.M., *ibid.*, 1905. Third year.

Lawrence, Clayton Good.....Middleton, Ga.
A.B., Wofford College, 1925. First year. *Education*

Lawrence, Ruth Catherine.....Craigmont, Idaho
A.B., University of Idaho, 1926. First year. *Spanish, Education*

Laxton, Allan Wilson.....Collettsville
A.B., Elon College, 1929. S. *Education*

Leary, Elwyn Preston.....Old Trap
A.B. in Educ., 1927. S. *Mathematics, Physics*

Ledbetter, Ida Belle.....Dome
A.B., Meredith College, 1915. *Zoology*
A.M., 1922. Second year.

Lewis, Carey Randell.....Rocky Mount
B.S., Wake Forest College, 1927. S. *Education, Chemistry*

Lewis, Mary Lizzie.....Saxapahaw
A.B., Elon College, 1921. S. *Education*

Lide, Dorothy.....Marion, S. C.
B.S., Coker College, 1921. S. *Education*

Lilly, Julia.....Gainesville, Ga.
A.B., Brenau College, 1928. S. *English*

Lilly, Kate Josephine.....Gainesville, Ga.
A.B., Brenau College, 1927. S. *English, French*

Lindler, George Andrew.....Chapin, S. C.
A.B., Newberry College, 1925. S. *Education, Mathematics*

Lindquist, Ruth.....Dundee, Minn.
B.S., University of Minnesota, 1916. *Sociology, Economics*
A.M., University of Chicago, 1922. Second year.

Lindsay, Evans Willson.....Salem, Va.
A.B., Princeton University, 1904. S. *French*

Lineberry, Richard Arthur.....Chadbourn
B.S., Guilford College, 1920. *Chemistry, Physics*
M.S., 1925. Third year.

Linker, Robert White.....Chapel Hill
A.B., 1925. *French*
A.M., 1928. Third year.

Ljung, Harvey Albert.....Greensboro
S.B. in Chem., 1927. *Chemistry, Physics*
S.M., 1928. Third year.

Lohr, Burgin Edison.....Dunn
A.B., 1921. S. *Education*

Lord, William Broughton.....Commerce, Ga.
A.B., Mercer University, 1927. S. *English*

McCain, Dacus Pearce.....Roxabel
A.B., Wofford College, 1909. S. *Education, English*

McCain, John Walker, Jr.....Waxhaw
A.B., Newberry College, 1923. English
A.M., 1926. S.

McCanless, Walter Frederick.....High Point
Ph.B., 1904. *Mathematics*
A.M., 1922. S.

McCluer, John Diell.....O'Fallon, Mo.
B.S., Davidson College, 1924. *Chemistry, Physics*
A.M., 1927. Second year.

McConnell, John Paul.....East Radford, Va.
A.B., Lynchburg College, 1921. *Sociology, Psychology*
M.A., William and Mary College, 1923. Third year.

McCoy, Samuel Jesse.....Holly Hill, S. C.
A.B., Wofford College, 1925. *English*
M.A., Duke University, 1929. Second year.

McCullogh, Ruth.....Florence, Miss.
A.B., Mississippi Woman's College, 1921. First year. *English, Education*

McCullough, Alma Violet.....Chicora, Pa.
A.B., Susquehanna College, 1924. S. *Special Student*

McCurdy, Hilda Flowe.....Spencer
A.B., North Carolina College for Women, 1926. S. *Education, Sociology*

McDaniel, Annie Belle.....Union, S. C.
A.B., Winthrop College, 1925. S. *Mathematics*

McDaniel, Charles Yates.....Durham
A.B., University of Richmond, 1927. S. *English*

McDaniel, Jane Llewellynn.....New Orleans, La.
A.B., Tusculum College, 1928. S. *Sociology, History*

McDowell, Annette.....Inmon, S. C.
A.B., Winthrop College, 1927. S. *Government, Sociology*

McDowell, David Franklin.....Jacksonville, Fla.
A.B., University of Florida, 1924. *Spanish, French*
A.M., *ibid.*, 1928. S.

McDuffie, Stephen A.....Lumberton
A.B., Wake Forest College, 1927. S. *Education*

McFadden, Laurence Walker.....Camden, S. C.
A.B., Presbyterian College of S. C., 1926. S. *Education*

McFetridge, Marion Virginia.....Eustis, Fla.
A.B., Goucher College, 1929. First year. *History*

McGee, Bertie Melvel.....Dahlonega, Ga.
A.B., North Georgia Agricultural College, 1916. *Economics, Commerce*
Second year.

McGirt, Roger Martin.....Gibson
A.B., Davidson College, 1923. S. *Education*

McIntosh, Charles Eugene.....Chapel Hill
A.B., 1911. First year. *Education*

McIntosh, Linda Shuford (Mrs. C. E.).....Chapel Hill
B.S., N. C. C. W., 1909. S. *Education*

MacKay, Eunice Stacy.....Wilson
A.B., 1929. S. *English*

McKinnon, Pauline.....Dillon, S. C.
A.B., Flora Macdonald College, 1925. S. *Latin, Education*

McLellon, Crawford Reid.....West, Miss.
A.B., Mississippi College, 1929. First year. *Chemistry, Physics*

McLeod, Edward Philip.....Mt. Airy, N. C.
A.B., Elon College, 1927. S. *Education*

McLeod, William Milton.....Charleston, S. C.
A.B., Wofford College, 1921. Second year. *French, Spanish*

McMillan, James Benjamin.....Talladega, Ala.
B.S., Alabama Polytechnic Institute, 1929. First year. *English*

McMillan, Montague.....Marion, S. C.
A.B., Limestone College, 1911. *English*
A.M., George Washington University, 1927. S.

McMurray, Davies.....Waxhaw
A.B., Winthrop College, 1925. *History, Education*

McNiel, Elton C.....Philadelphia, Miss.
B.S., Mississippi State Teachers' College, 1929. *Sociology, Rural Social Economics*
First year.

McNeill, John Milton.....Miller's Creek
A.B., 1929. First year. *Government, History*

McPherson, Elizabeth Gregory.....Shiloh
A.B., 1923. *History*
A.M., 1925. S.

McQueen, William Brown, Jr.....Raeford
A.B., Davidson College, 1929. First year. *English*

McRee, Carlos H. ..... Oakboro
A.B., Lenoir-Rhyne College, 1920. S. *Education, Sociology*

McSwain, Holland ..... Charlotte
A.B. in Educ., 1927. S. *Education*

McSwain, Nancy A. ..... Albemarle
A.B., North Carolina College for Women, 1928. S. *History, English*

Macon, Mrs. Hersal L. ..... Chapel Hill
A.B., Guilford College, 1928. First year. *English*

Maddrey, Charles Gordon ..... Seaboard
A.B., Wake Forest College, 1926. S. *Education, History*

Mahler, Andrew John ..... Wilmington
B.A., Wagner College, 1925. *English*
M.A., Columbia University, 1926. First year.

Manning, Alma ..... Clio, S. C.
A.B., Converse College, 1922. S. *Sociology*

Manning, Hattie Catherine ..... Catherine Lake
A.B., 1924. S. *English*

Marsh, Romulus Luther ..... Dublin
A.B., Emory and Henry College, 1920. S. *Education*

Marshall, Robert Ellington ..... Crystal Springs, Miss.
A.B., Mississippi College, 1925. First year. *Mathematics*

Martin, Donald Fraser ..... Flemington, Ga.
A.B., Davidson College, 1929. First year. *Economics, Commerce*

Martin, Eleanore ..... Rockville Centre, N. Y.
A.B., Boston University, 1929. First year. *Zoology*

Martin, Floyd Alexander ..... Winston-Salem
S.B. in Commerce, 1922. S. *Education*

Martin, Irving Lee ..... Chapel Hill
S.B. in Geology, 1927. *Geology*
S.M., 1928. Third year.

Martin, Samuel Maner ..... Chapel Hill
B.S., Clemson College, 1922. *Chemistry, Physics*
S.M., 1929. Second year.

Martínez-Ponte, José Rafael ..... Caracas, Venezuela, S. A.
Ph.D., Universidad Central, Venezuela. 1928. First year. *Civil Engineering*

Mason, Clinton Carmack ..... Kerrville, Tex.
B.S., Texas A. and M. College, 1923. S. *Psychology, Sociology*

Massey, Herbert Neal ..... Gaffney, S. C.
A.B., Mercer University, 1915. *Sociology*
A.M., University of Georgia, 1925. S.

Mast, David Patterson ..... Sugar Grove
A.B., 1927. S. *Education, English*

Matheson, Donald Stuart ..... Hillsboro
B.S., N. C. State College, 1924. First year. *Rural Social Economics*

Mathews, Andrew Clark ..... Magnolia
A.B., 1928. First year. *Botany, Zoology*

Matthews, Rudolph Samuel ..... Chapel Hill
A.B., 1925. Third year. *German, French*

Matthews, Velma Dare ..... High Point
A.B., North Carolina College for Women, 1925. *Botany*
A.M., 1927. Fourth year.

Mattox, William Judson ..... Clinton, Miss.
A.B., Mississipi College, 1928. *Chemistry, Physics*
A.M., 1929. Second year.

Mattox, William Thomas ..... Chapel Hill
A.B., Atlantic Christian College, 1918. *Sociology, Economics*
A.M., Vanderbilt University, 1921. Third year.

Maurice, Charles Stewart ..... Eagle Springs
A.B., Princeton University, 1926. First year. *Geology*

Meade, Robert Douthat.....Danville, Va.
A.B., Virginia Military Institute, 1924. *History*
A.M., University of Virginia, 1926. First year.

Meares, Kate deRosset.....Columbia, S. C.
A.B., 1920. *Latin, History*
A.M., 1926. S.

Mell, Mildred Rutherford.....Athens, Ga.
A.B., University of Wisconsin, 1920. *Sociology, Economics*
A.M., University of Georgia, 1925. S.

Merritt, James Eric.....Chapel Hill
A.B., 1927. Third year. *History*

Merryfield, Fred.....Corvallis, Ore.
B.S., Oregon State Agricultural College, 1923. First year. *Civil Engineering*

Messick, John Decatur.....Spencer
Ph.B., Elon College, 1922. S. *Education, English*

Metz, George Albert.....Fayetteville
A.B., Newberry College, 1926. First year. *Psychology*

Michie, Orbie Earl.....Pittsburgh, Kan.
B.S., Kansas State Teachers' College, 1921. *Education, Psychology*
M.S., University of Kansas, 1926. First year.

Mickle, Robina Webb.....Winston-Salem
A.B., Columbia University, 1915. S. *English, History*

Miller, Mary Ford.....Montreat
A.B., Flora Macdonald College, 1929. First year. *English*

Millsaps, Vera.....Statesville
B.S., North Carolina College for Women, 1915. *Sociology, Education*
S.M., 1924. Third year.

Milmo, Virginia Mae.....Weatherford, Tex.
A.B., Southern Methodist University, 1929. First year. *Sociology, Psychology*

Mitchell, Annie M.....Greensboro
A.B., North Carolina College for Women, 1923. S. *English*

Monroe, Mary Katherine.....Hickory
A.B., Lenoir-Rhyne College, 1928. S. *English*

Moore, John Horace.....Ahoskie
A.B., Mississippi College, 1923. S. *Education*

Moore, Margaret.....Pinehurst, Ga.
A.B., Piedmont College, 1927. S. *English, French*

Moore, Mitchell Collins.....Rocky Mount
A.B., Agnes Scott College, 1927. S. *English, History*

Morgan, Charles Henry.....Clarksville, Va.
A.B., University of Richmond, 1927. S. *History, Education*

Morgan, Elford Chapman.....Spartanburg, S. C.
A.B., Wofford College, 1927. S. *English, History*

Morgan, Karl Ziegler.....Salisbury
A.B., 1929. First year. *Physics, Mathematics*

Morris, Charles.....Athens, Ga.
A.B., University of Georgia, 1928. First year. *English*

Morris, Joseph Edgar.....Norwood
A.B., 1928. S. *Physics, Mathematics*

Morton, Mayme Edith.....Webster Springs, W. Va.
A.B., West Virginia University, 1919. S. *Education*

Moseley, Joseph Rufus.....Byron, La.
B.S., Emory University, 1925. S. *Mathematics*

Moses, Alice Ellen.....Norfolk, Va.
A.B., Duke University, 1929. S. *English*

Moses, Walter Lauren.....Durham
A.B., 1929. First year. *English*

Moss, Beverly Turpin.....Washington
A.B., University of Missouri, 1929. First year. *Latin, German*

Moye, Moses Tyson.....Kenly
A.B., Atlantic Christian College, 1926. S. *History*

Mozley, Alan.....Roycroft, Alberta, Canada
B.S., University of Manitoba, 1929. First year. *Zoology*

Mulkey, Harry Butler.....Greenwood, S. C.
B.S., Clemson College, 1921. S. *Physics, Mathematics*

Mumford, Dorothy.....Hempstead, N. Y.
A.B., Adelphi College, 1929. First year. *English*

Murphy, Elisabeth.....Salisbury
A.B., North Carolina College for Women, 1928. *English, Comparative Literature*
Second year.

Murphy, Gray Byrd.....Louisburg
A.B., Wake Forest College, 1929. First year. *English*

Nims, Horace.....Mt. Holly
A.B., 1920. S. *Latin, History*

Noble, Verdie.....Deep Run
A.B., North Carolina College for Women, 1926. S. *Education*

Noe, Thomas Pasteur, Jr.....York, S. C.
S.B. in Civil Engineering, 1929. First year. *Civil Engineering*

Norburn, Martha Elizabeth.....Asheville
A.B., St. Genevieve's College, 1926. *Geology*
M.A., University of Michigan, 1929. First year.

Oldham, Mabel Elizabeth.....Wendell
A.B., Meredith College, 1924. S. *Sociology, Mathematics*

Osborne, Annette May.....Leaksville
A.B., North Carolina College for Women, 1927. *English*
A.M., 1929. Third year.

Overton, Margaret Evans.....Colerain
A.B., Meredith College, 1925. S. *Education*

Owl, Henry McClain.....Cherokee
A.B., Lenoir-Rhyne College, 1928. S. *History*

Painter, James Watson.....Greensboro
A.B., Emory and Henry College, 1920. First year. *English*

Parker, Christine Fletcher.....Raeford
B..S Flora Macdonald College, 1928. S. *Education*

Parker, Haywood, Jr.....Asheville
A.B., 1929. Second year. *Chemistry, Mathematics*

Parker, Jefferson Davis, Jr.....Sylva
A.B., 1926. S. *Education*

Parker, Mrs. Jessie Allen.....Buie's Creek
A.B., Meredith College, 1923. S. *Education, French*

Parlett, Mathilde M.....Ledger
A.B., Smith College, 1913. Third year. *English*

Parlier, Charles Aycock.....King's Creek
A.B. in Educ., 1928. S. *Education*

Paschal, Len Broughton.....Siler City
A.B., Wake Forest College, 1927. S. *English, Education*

Patrick, James Ruey.....Athens, Ohio
A.B., University of Georgia, 1925. *Psychology, Sociology*
A.M., *ibid.*, 1926. S.

Patrick, Vivian Morton (Mrs. J. R.).....Athens, Ohio
A.B., University of West Virginia, 1924. S. *Sociology, Education*

Patillo, Manning Mason.....Chapel Hill
A.B., University of Colorado, 1927. Second year. *Philosophy, Sociology*

Patton, James Welch.....Chapel Hill
A.B., Vanderbilt University, 1924. *History, Government*
A.M., 1925. S.

Pearson, Ruth Hazel.....Dudley
A.B., Guilford College, 1923. S. *French, Spanish*

Peeler, Egbert N. ..... Rockwell
A.B., Heidelberg College, 1924. First year. *Education*

Peet, Telfair Boys ..... Chapel Hill
A.B., Columbia University, 1927. S. *English*

Pegg, Carl Hamilton ..... University, Miss.
A.B. in Educ., 1927. *History*
A.M., 1927. Fourth year.

Perkins, Aubrey Alphonso ..... Greensboro
S.B. in Commerce, 1928. Second year. *Economics, Commerce*

Perkins, Edwin Marvin ..... Brevard
A.B., 1929. S. *Economics, Geology*

Perry, Herbert Judson ..... Raleigh
A.B., Acadia University, 1902. *Education*
A.M., Colgate University, 1906. First year.

Perry, Lindsey Jackson ..... Reidsville
A.B., Elon College, 1923. S. *Education*

Petersen, Carlotta Dorothea ..... Charleston, S. C.
B.S., College of Charleston, 1928. S. *Mathematics*

Phillips, K. G. ..... Siler City
A.B., 1926 S. *Education*

Phillips, Robert Blalock ..... Old Fort
A.B., Carson-Newman College, 1927. S. *Education, English*

Pittman, Charles Leonard ..... Rock Hill, S. C.
A.B., Furman University, 1927. S. *English, Education*

Polhill, Emmie Frances ..... Decatur, Ala.
A.B., Judson College, 1930. First year. *Government*

Pope, Samuel Allen ..... Durham
A.B., Duke University, 1928. S. *Botany, Education*

Porter, Martha H. ..... Georgetown, Texas
A.B., Texas Christian University, 1927. Second year. *English, Philosophy*

Porter, Sumter ..... Greenwood, S. C.
B.S., The Citadel, 1911. S. *Mathematics, Education*

Posey, James Willis ..... San Angelo, Tex.
A.B., University of Texas, 1923. *English, Comparative Literature*
A.M., 1927. Fourth year.

Powell, Mabel Allen ..... Corydon, Ky.
A.B., Georgetown College, 1924. First year. *Latin, History*

Preston, Stanley Wales ..... Chapel Hill
B.B.A., Boston University, 1929. Second year. *Economics, Commerce*

Puckett, William Olin ..... Cornelius
A.B., Davidson College, 1927. First year. *Zoology*

Rainey, Ralph S. ..... Biscoe
A.B., Elon College, 1927. S. *Education, History*

Ramsey, Verna Leiper ..... Belva
A.B., Tusculum College, 1928. First year. *Education*

Rankin, Henry Ashby ..... Fayetteville
A.B., 1922. *English*
A.M., 1927. Second year.

Redfearn, Henry Nell ..... Wingate
A.B., Meredith College, 1927. S. *Education, English*

Redfearn, William Alexander ..... Wingate
S.B. in Geology, 1921. S. *Education, Science*

Redmond, Dare Vincent ..... Alexander
A.B., Lincoln Memorial University, 1929. First year. *English*

Reid, Paul Apperson ..... Pilot Mountain
A.B. in Educ., 1929. S. *History, Education*

Reynolds, Joshua Paul ..... Guilford College
B.S., Guilford College, 1928. S. *Zoology*

Rhyne, Burman Leroy.....Gastonia
A.B., Lenoir-Rhyne College, 1924. S. *Psychology, Education*

Rhyne, Mrs. Clyde Russell.....Norman, Okla.
A.B., University of Chattanooga, 1925. *Sociology, Psychology*
A.M., 1926. S.

Rhyne, William Laurence.....Bessemer City
A.B. in Educ. to be awarded, June, 1930. First year. *History*

Riess, Mrs. Marie Ellis.....Tallahassee, Fla.
A.B., Florida State College for Women, 1919. *English*
A.M., 1929. Second year.

Rigsbee, Mrs. Mattie Gunter.....Sanford
A.B., Meredith College, 1925. S. *Education*

Ring, Graydon Lee.....High Point
A.B., High Point College, 1929. S. *Mathematics*

Ring, Mrs. Mary Duncan.....Asheville
A.B., 1927. S. *History, English*

Roberts, Laura Adelaide.....New Bern
A.B., Greensboro College, 1924. S. *Latin*

Robertson, Judge Buxton.....Burlington
A.B., 1905. S. *Education*

Robinson, Dorothy Rose.....Hickory
A.B., Lenoir-Rhyne College, 1928. First year. *Sociology*

Robson, Charles Baskerville.....Davidson
A.B., Davidson College, 1919. *Government, History*
A.M., Princeton University, 1924. Third year.

Roome, Elizabeth.....Sisterville, W. Va.
B.S., Columbia University, 1924. S. *Education*

Rucker, Edith.....Anderson, S. C.
A.B., Chicora College, 1928. S. *History*

Rucker, Juanita.....Anderson, S. C.
A.B., Chicora College, 1928. S. *English*

Rudisill, Dorns Paul.....Dallas
A.B., Lenoir-Rhyne College, 1922. *Economics*
A.M., University of South Carolina, 1925. S.

Russell, Harry Kitsun.....Chapel Hill
A.B., Davidson College, 1923. *English*
A.M., 1928. Third year.

Sabatier, Ada Marie.....Crowley, La.
A.B., Southwestern Louisiana Institute, 1927. S. *English, History*

Sadler, Elva Elizabeth.....Birmingham, Ala.
A.B., Howard College, 1927. S. *English*

Sally, William Callier.....Chapel Hill
A.B., University of Alabama, 1923. Fourth year. *Spanish, French*

Salls, Helen Harriet.....Oxford
A.B., Randolph-Macon Woman's College, 1913. *English*
A.M., University of Virginia, 1925. S.

Sanders, Jeptha P.....Knoxville, Tenn.
B.S., Univeristy of Georgia, 1923. *Chemistry, Physics*
M.S., Iowa State College, 1924. S.

Sanders, Judson Hair.....Lakeland, Fla.
B.S., University of Georgia, 1923. First year. *Chemistry, Physics*

Sasser, Lucille Fonville.....Wilmington
A.B., Winthrop College, 1925. S. *Education*

Saunders, John Alvah Lee.....Charleston, S. C.
B.S., The Citadel, 1923. S. *Mathematics, Physics*

Sawyer, Lucye Erminie.....Tabor
A.B., Duke University, 1928. S. *Education*

Schilletter, William Albert.....Tryon
B.S., Clemson College, 1914 S. *Psychology, Education*

Schnirel, Ida Elizabeth.....Geneva, N. Y.
A.B., Cornell University, 1910. S. *French*

Schwenning, Carrie Heath (Mrs. C. T.).....Chapel Hill
A.B., University of Rochester, 1913. *English*
A.M., 1927. Third year.

Scott, Cecil Winfield.....Johnston, S. C.
A.B. in Educ., University of South Carolina, 1927. *Education, Sociology*
A.M., *ibid.*, 1928. S.

Scott, Sallie Embry.....Charlotte Court House, Va.
A.B., Flora Macdonald College, 1925. Second year. *English*

Selby, Elizabeth.....Hattiesburg, Miss.
B.S., Mississippi State Teachers' College, 1927. S. *English*

Sellers, James Benson.....Tuscaloosa, Ala.
B.S., University of Alabama, 1920. *Education, History*
M.S., *ibid.*, 1924.
M.A., University of Chicago, 1925. First year.

Sensabaugh, George Frank.....Tulsa, Okla.
A.B., Vanderbilt University, 1928. Second year. *English*

Shamburger, Frances Burney.....Star
A.B., North Carolina College for Women, 1928. S. *History, Sociology*

Shaw, Chandler.....Ormond Beach, Fla.
A.B., Rollins College, 1918. Fourth year. *History*

Shearin, Paul Edmonson.....Essex
A.B. in Educ., 1929. First year. *Physics, Mathematics*

Shepherd, Hurley Sidney.....Elon College
A.B., Elon College, 1929. S. *Education*

Sherard, Catherine.....Toccoa, Ga.
A.B., Brenau College, 1929. First year. *Education, Sociology*

Shields, Archibald Kenneth.....Brandon, Miss.
A.B., Millsaps College, 1927. Second year. *Spanish, French*

Shields, John Montgomery.....New Bern
A.B., 1911. S. *Education, Sociology*

Shine, Hill.....Chapel Hill
A.B., 1921. *English*
A.M., 1925. Third year.

Short, George Asa.....Pleasant Garden
A.B., Guilford College, 1913. S. *Education*

Simmons, Walter Lee, Jr.....Delaware, O.
A.B., Washington and Lee University, 1924. *English*
A.M., Harvard University, 1928. S.

Simons, Manning Alexander.....Charleston, S. C.
A.B., Washington and Lee University, 1927. *Psychology, Education*
A.M., *ibid.*, 1928. Second year.

Simpson, James Robert.....Rocky Mount
A.B., Duke University, 1924. S. *Education*

Simpson, Mary Terry.....Piedmont, S. C.
A.B., Chicora College, 1925. S. *Education*

Simpson, Ruth.....Greenville, S. C.
B.S., Greenville Woman's College, 1922. S. *Education*

Skaggs, Marvin Lucian.....Chapel Hill
A.B., University of Richmond, 1921. *History*
A.M., 1929. Second year.

Slade, James Jerry.....Chapel Hill
S.B. in Civil Engg., 1929. Second year. *Mathematics*

Sloan, Arthur St. Clair.....Gaffney, S. C.
A.B., Denison University, 1896. *Spanish, French*
A.M., Ohio State University, 1919. First year.

Smiley, Wendell Wayne.....Bushnell
A.B. in Educ., 1928. First year. *Education*

Smith, Alexander Silliman.....Barton, Ohio
Ph.B., Denison University, 1929. First year. *History, Government*

Smith, Eugene Rodgers.....China Grove
A.B., Lenoir-Rhyne College, 1923. S. *Latin*

Smith, French Hugo.....Guilford College, N. C.
B.S., Guilford College, 1926. S. *Education*

Smith, Gertrude Reid.....Cooleemee
A.B., Duke University, 1923. S. *History, Economics*

Smith, Henry Hunter.....Mooresville
B.S., Davidson College, 1926. S. *Physics, Chemistry*

Smith, John LeRoy.....Chapel Hill
A.B., 1917. *French, Spanish*
A.M., 1924. First year.

Smith, Katherine Brittain.....Greensboro
A.B., Guilford College, 1919. S. *English*

Smith, Mary Phlegar.....Chapel Hill
A.B., University of Pennsylvania, 1921. *Sociology, Government*
A.M., 1927. Third year.

Smith, Minnie Jameson.....Winston-Salem
A.B., University of Idaho, 1908. *Latin*
A.M., Columbia University, 1922. S.

Smith, Samuel Denny.....The Hollow, Va.
A.B., Davidson College, 1912. *History, Government*
A.M., Princeton University, 1915. S.

Smith, William Franklin.....Chadbourn
A.B., 1929. First year. *Chemistry, Mathematics*

Sorrell, Mrs. Grace Elizabeth.....Wingate
A.B., Baylor University, 1927. S. *English*

Spearman, Dorothy Gunter.....Social Circle, Ga.
A.B., Wesleyan College, 1928. S. *History*

Speer, Mary Lucille.....Boonville
A.B., Meredith College, 1927. S. *Mathematics, Education*

Sperandeo, Giovanni.....Sweetwater, Tenn.
A.B., Washington University, 1920. S. *Spanish, French*

Spiers, Sussette Taylor (Mrs. H. S.).....Greensboro
A.B., Winthrop College, 1925. S. *English, Education*

Spiers, Harry Smith.....Greensboro
A.B., Washington and Lee University, 1927. S. *English, Education*

Spinning, James Martin.....Rochester, N. Y.
A.B., University of Rochester, 1913. First year. *English*

Spivey, Herman Everette.....Clinton
A.B., 1928. *English*
A.M., 1929. Second year.

Sprinkle, Pauline.....Erwin, Tenn.
A.B., Carson-Newman College, 1925. S. *Mathematics*

Stabler, Bruce Hall (Mrs. L. B.).....Columbia, S. C.
B.S., Columbia College, 1923. S. *French*

Stabler, Lewis Bellinger.....Columbia, S. C.
A.B., Wofford College, 1917. *French*
A.M., 1926. S.

Stafford, Erven Morrison.....Charlotte
A.B., Northeastern State Teachers' College (Okla.), 1928. S. *Education*

Stafford, John Springs.....Charlotte
S.B. in Commerce, 1929. First year. *Commerce*

Stainback, Raymond Franklin.....Chapel Hill
S.B. in Electrical Engg., 1926. Second year. *Electrical Engineering*

Stevens, Emily White.....Jackson, Miss.
A.B., Millsaps College, 1929. First year. *Sociology, Rural Social Economics*

Stewart, James William.....Beaufort
A.B., George Washington University, 1927. S. *Education, Psychology*

Stone, Aubrey Louis.....Salem, W. Va.
A.B., Roanoke College, 1917. S. *Economics, Commerce*

Stoudemire, Sterling Aubrey.....Chapel Hill
A.B., 1923. *Spanish, French*
A.M., 1924. Sixth year.

Stowitts, Emory Voorhees.....Hilton Village, Va.
A.B., William and Mary College, 1921. S. *Education*

Stroud, Cecil Nixon.....Kinston
B.S., Wake Forest College, 1922. S. *Government, Education*

Stroupe, Christopher Rush.....Crossnore
S.B. in Elec. Engg., 1923. S. *Education*

Stroup, Annie M. (Mrs. T. B.).....Newell
A.B., 1926. First year. *English, Latin*

Stroup, Thomas Bradley.....Hendersonville
A.B., 1926. *English*
A.M., 1927. Second year.

Struthers, Hester Cox.....Wilmington
A.B., 1918. S. *English*

Sturdivant, Mrs. Joanna Farrell.....Carrboro
A.B., Carson-Newman College, 1909. *Sociology, Education*
A.M., 1924. S.

Swann, Olivia Ward.....Ensley, Ala.
A.B., Agnes Scott College, 1926. S. *Education, Psychology*

Swor, Chester Eugene.....Clinton, Miss.
A.B., Mississippi College, 1929. S. *English, Spanish*

Taylor, Cecil Grady.....Williamston
A.B. in Educ., 1929. First year. *French, Spanish*

Taylor, George Floyd.....Chapel Hill
A.B., 1928. Second year. *History*

Taylor, Walter Fuller.....Clinton, Miss.
A.B., Mississippi College, 1921. *English, History*
M.A., University of Chicago, 1925. Second year.

Temple, Edgar Samuel.....Hildebran
A.B., Lenoir-Rhyne College, 1927. S. *Education*

Temple, Fannie Mae.....Hickory
A.B., Lenoir-Rhyne College, 1927. S. *Education*

Terrell, William Brown.....Elon College
A.B., Elon College, 1925. S. *English, Education*

Terrell, Mrs. William Brown.....Elon College
A.B., Elon College, 1925. S. *Education*

Terry, Edward Allison.....Millbrook, Ala.
B.S., Alabama Polytechnic Institute, 1921. *Rural Social Economics*
M.S., *ibid.*, 1927. Second year.

Thompson, John Archie.....Milton
A.B., Davidson College, 1925. Second year. *Spanish, French*

Thompson, Samuel Hunter.....Jonesboro, Tenn.
A.B., Lincoln Memorial University, 1921. *Education, Economics*
A.M., 1923. Second year.

Tilley, Aubrey.....Scotland Neck
A.B., Newberry College, 1924. S. *History, Government*

Trabue, Emma Small (Mrs. M. R.).....Chapel Hill
A.B., DePauw University, 1911. *English*
A.M., 1925. Fifth year.

Trawick, Martin Whitford.....Buena Vista, Va.
A.B., Davidson College, 1925. *Physics, Mathematics*
A.M., 1929. S.

Trippe, Jessie Lillian.....Grifton
A.B., East Carolina Teachers' College, 1928. S. *French, Latin*

Trott, Richard George.....Pleasant City, Ohio
A.B., Marietta College, 1926. First year. *Mathematics*

Turner, Lucile.....Lebanon, Ind.
A.B., Butler University, 1929. First year. *English*

Underhill, Mrs. Florence Edgerton.....Louisburg
A.B., Trinity College, 1903. *Mathematics, Education*
A.M., 1928. Second year.

Underwood, Henrietta .....Asheboro
A.B., 1929. First year. *Latin, History*

Unger, Robert McIlhenny.....Frederick, Md.
A.B., Western Maryland College, 1927. S. *Education, History*

Usher, Rheba Cecile.....Bennettsville, S. C.
B.S., Coker College, 1929. S. *Chemistry, Physics*

Uzzle, Archie Burkhead, Jr.....Raleigh
B.S. in Civil Engg., N. C. State College, 1926. First year. *Civil Engineering*

Vaile, Gertrude.....Denver, Colo.
A.B., Vassar College, 1900. Second year. *Sociology, Rural Social Economics*

Van Landingham, Nancy Alma.....Columbia, S. C.
A.B., Coker College, 1914. S. *Education, English*

Vestal, Herman Husband.....Chatham, Va.
B.S., N. C. State College, 1928. S. *History*

Voorhees, Walter Clark.....Elkton, Va.
A.B., 1923. S. *Education, English*

Waldrop, Minnie Lou.....Birmingham, Ala.
A.B., Birmingham-Southern College, to be awarded, June, 1930.
First year. *Psychology, Sociology*

Walker, Claude L.....Burlington
A.B., Elon College, 1922. S. *Education*

Walker, Mildred.....Chapel Hill
A.B., Randolph-Macon Woman's College, 1929. First year. *English*

Wallace, Robert Marsden.....Spartanburg, S. C.
A.B., Wofford College, 1928. Second year. *English*

Walser, Richard Gaither.....Lexington
A.B., 1929. First year. *English*

Ward, Ethel Ruth.....Raleigh, Miss.
A.B., Mississippi Woman's College, 1928. S. *Chemistry, Mathematics*

Ward, Mrs. Marie Davis.....Marion, S. C.
A.B., Columbia College, 1926. S. *English*

Ward, Rebecca .....Burgaw
A.B., North Carolina College for Women, 1928. Second year. *Botany*

Warrick, Leslie Elton.....Goldsboro
B.S., Guilford College, 1927. S. *Chemistry, Education*

Waters, Jay Shirley.....Pittsboro
A.B., 1925. S. *Education*

Watkins, Evelyn Clyde.....Pensacola, Fla.
A.B., Randolph-Macon Woman's College, 1928. S. *Latin, English*

Watkins, Joe Henry.....Charleston, S. C.
S.B. in Geology, 1927. S. *Geology*

Watkins, Thomas Cobb.....Davidson
B.S., Davidson College, 1928. Second year. *Zoology*

Watson, Elliott Owen.....Greensboro
A.B., Wofford College, 1918. *History, Government*
A.M., *ibid.* S.

Watson, Mrs. Margie Marsh.....Greensboro
A.B., Greensboro College, 1929. S. *English, Education*

Watters, Mary.....Haynesville, La.
A.B., Ouachita College, 1917. *History, Government*
A.M., *ibid.*, 1922.
A.M., Baylor University, 1923. Second year.

Way, Evelyn Lee.....Raleigh
A.B., Sweet Briar College, 1925. First year. *Latin, History*

Way, William, Jr.....Charleston, S. C.
A.B., 1927. Second year. *Economics, Commerce*

Webster, Frank Wilkins.....Derita
A.B., Furman University, 1922. S. *Education*

Webster, James William.....Leaksville
A.B. to be awarded, June, 1930. First year. *History*

Webster, Maude M.....Stokesdale
A.B., Greensboro College, 1923. *Chemistry, Physics*
A.M., 1927. Second year.

Wells, Mitchell Preston.....Edgefield, S. C.
A.B., University of South Carolina, 1925. S. *English*

Wharton, Vernon Lane.....Slidell, La.
A.B., Millsaps College, 1928. First year. *History, Government*

Whitaker, Martin Dewey.....Ellenboro
A.B., Wake Forest College, 1927. Second year. *Physics, Mathematics*

White, Robert Dixon.....Burlington
B.S., Davidson College, 1925. S. *Education, Mathematics*

White, Thomas Edward.....Elon College
A.B., Elon College, 1901. S. *Spanish, French*

White, William A.....Paterson, N. J.
A.B., Duke University, 1929. First year. *Geology*

White, William Preston, Jr.....Hobgood
A.B., Wake Forest College, 1923. S. *Education*

Whitener, Daniel Jay.....Hickory
A.B., 1922. Second year. *History, Government*

Whitesides, Sara Elizabeth.....Uree
A.B., North Carolina College for Women, 1927. S. *Education*

Whitesides, William Plaxco.....Columbus
A.B., Newberry College, 1915. S. *Education*

Whitmore, Albert Ames.....Arno, Maine
B.S., University of Maine, 1906. First year. *History*

Wilkinson, Margaret Carey.....Belhaven
A.B., Meredith College, 1926. S. *Education*

Williams, Arnold L.....Indianapolis, Ind.
A.B., University of Notre Dame, 1929. First year. *English*

Williams, Grace A.....Fullerton, Neb.
B.F.A., Cotner College, 1927. First year. *English*

Williams, Helen Vogel (Mrs. J. H.).....Fullerton, Neb.
A.B., Stanford University, 1924. First year. *English, Sociology*

Williams, James William.....Greensboro
A.B., 1929. First year. *History, Economics*

Williams, John Henry.....Fullerton, Neb.
A.B., William Jewell College, 1912. *Sociology*
M.S., N. C. State College, 1920. Second year.

Williams, Lyle Lyndon.....Chapel Hill
B.S., Guilford College, 1922. *Zoology, Botany*
A.M., 1927. Second year.

Williams, Lena Mae.....Chapel Hill
A.B. to be awarded, June, 1930. First year. *Sociology*

Williams, Mabel Elizabeth.....Greensboro
A.B., Salem College, 1920. *English*
A.M., Columbia University, 1928. S.

Williams, William Waldo.....East Bend, Ga.
B.S., Guilford College, 1928. Second year. *Chemistry, Physics*

Wilson, Elbert Ezra.....High Point
A.B., Wake Forest College, 1923. S. *Education, English*

Wilson, Ethel May.....Conway, Ark.
A.B., Hendrix College, 1909. *Sociology*
A.M., Vanderbilt University, 1911. S.

Wilson, Jesse Carl.....Hiawassee, Ga.
A.B., Furman University, 1925. First year. *History, Government*

Wilson, Lottie Crosland (Mrs. J. C.).....Hiawassee, Ga.
A.B., Coker College, 1922. First year. *Mathematics*

Wilson, Jessie Lillian.....Lenoir
B.S., University of Tennessee, 1927. S. *Education, Sociology*

Wilson, W. Lester.....Chapel Hill
A.B., Piedmont College, 1921. *English*
A.M., 1928. Third year.

Winkler, Edwin Weems.....Chapel Hill
B.S., Montana State College, 1928. First year *Electrical Engineering*

Winslow, Rex Shelton.....Chapel Hill
A.B., Simpson College, 1923. *Economics*
A.M., University of Illinois, 1929. First year.

Wiseman, Sarah Virginia.....Spencer
A.B., Meredith College, 1928. S. *Education, Mathematics*

Wolfe, John Harold.....Roebuck, S. C.
A.B., Wofford College, 1927. S. *History*

Womack, Nathan.....Wilson's Mill
B.S., William and Mary College, 1922. S. *Education*

Woodie, William Lawton.....Furches
A.B., Elon College, 1923. S. *English, Education*

Woollen, Mary Eugenia.....High Point
A.B., High Point College, 1923. S. *English*

Wright, Thomas Ewell.....Chapel Hill
A.B., 1922. *French, Spanish*
A.M., 1926. Fifth year.

Wynne, Waller, Jr.....Charlotte
A.B., University of Richmond, 1928. *Sociology, Psychology*
A.M., Duke University, 1929. First year.

Yarborough, Nathaniel Patton.....Hendersonville
A.B., Wofford College, 1923. *French*
A.M., University of South Carolina, 1928. S.

Yarbrough, Gustie Mae.....Macon, Ga.
A.B., Wesleyan College, 1928. S. *History, Government*

Yoder, Edwin Moses.....Hickory
A.B., Lenoir-Rhyne College, 1922. S. *Education*

Young, Edith Viola.....Jacksonville, Fla.
B.S., Greenville Woman's College, 1928. S. *Sociology, Education*

Young, Louise.....Nashville, Tenn.
A.B., Vanderbilt University, 1912. *Sociology, Rural Social Economics*
A.M., University of Wisconsin, 1915. S.

Yow, Jewell Louise.....Concord
A.B., Queens College, 1929. First year. *History*

Zener, Karl E.....Durham
Ph.B., University of Chicago, 1923. *Special Student*
M.A., Harvard University, 1924.
Ph.D., *ibid.*, 1926. First year.

zurBurg, Henry Hermann.....Asheville
A.B. to be awarded, June, 1930. First year. *Physics*

Undergraduate and Professional Students

Abbreviations are used to indicate the course pursued by each student as follows: Arts, Bachelor of Arts; Arts-Educ., Bachelor of Arts in Education; Arts-Laws, Bachelor of Arts and Laws; Arts-Jour., Bachelor of Arts in Journalism; Arts-Music, Bachelor of Arts in Music; Sci. Chem., Bachelor of Science in Chemistry; Sci. Med., Bachelor of Science in Medicine; Sci. Phar., Bachelor of Science in Pharmacy; Sci. Geol., Bachelor of Science in Geology; Elec. Engg., Bachelor of Science in Electrical Engineering; Civ. Engg., Bachelor of Science in Civil Engineering; Mech. Engg., Bachelor of Science in Mechanical Engineering; Chem. Engg., Bachelor of Science in Chemical Engineering; Comm., Bachelor of Science in Commerce; Comm.-Laws, Bachelor of Science in Commerce and Laws; Predent., course preparing for Dentistry; Premed., course preparing for Medicine; Prelaw, course preparing for Law; Med., course in Medicine; Phar., course in Pharmacy; Law, course in Law; Pub. Wel., course in Public Welfare; Spec., special student.

The figure following the course approximates the year of that student in that course. A degree shown has been awarded by this institution unless otherwise specified.

Aaron, Harold Isaac, Comm. 4, Spencer
Abbott, Peyton Bryant, Law 2, Winston-Salem
A.B., 1929.
Abels, Lucas Clarence, Comm. 1, High Point
Abelson, Stanley Bennett, Premed. 2, Freeport, N. Y.
Abernathy, Robert Ora, Arts-Educ. 1, Bynum
Abernethy, John Miles, Arts 2, Hickory
Abernethy, William Edward, Jr., Arts 1, Rutherford College
Abrams, Seymour Henry, Comm. 1, East Orange, N. J.
Adams, Frank Marvin, Sci. Med. 3, Dillon, S. C.
Adams, Joel Barber, Arts 1, Biltmore Forest
Adams, Junius Greene, Jr., Law 1, Biltmore Forest
A.B., 1929.
Adams, John Sneed, Jr., Mech. Engg. 1, Asheville
Adams, Mary Elizabeth, Arts-Educ. 4, Coleraine
Adams, Steve, Arts-Educ. 2, Spray
Adams, Solathiel Liell, Jr., Arts 1, Rowland
Adams, Thurston Ray, Sci. Med. 3, La Grange
Adams, V. Harold, Arts 1, Greensboro
Adams, William Eugenius, Sci. Chem. 1, Dunlap
Adams, William Jackson, Jr., Arts 4, Carthage
Adams, Wilbur Royster, Phar. 3, Angier
Aderholt, John Carroll, Arts-Educ. 2, Gastonia
Adkins, Fenton Andrew, Arts 4, Durham
Adkins, Trogler Francis, Sci. Med. 1, Durham
Aiken, Charles Hunter, Sci. Med. 1, Asheville
Albright, Robert Mayne, Jr., Arts 3, Raleigh
Alden, George Zachariah, Arts-Educ. 4, Arden
Alden, Joseph McDonald, Arts-Educ. 3, Arden
Alexander, Allen Leander, Sci. Chem. 3, Statesville
Alexander, John Johnston, Elec. Engg. 4, Charlotte
Alexander, James Moses, Med. 1, Derita
Alexander, Marion Romaine, Law 1, Asheville
A.B., 1929.
Alexander, Penelope Browne, Arts 4, Charlotte
Alexander, Thomas Willis, Jr., Comm. 2, Charlotte
Alford, George Haywood, Jr., Elec. Engg. 2, Holly Springs

Allen, Austin Newland, Comm. 2, Lenoir
Allen, Arch Turner, Jr., Civ. Engg. 4, Raleigh
Allen, Burwell Algernon, Comm. 1, Weldon
Allen, George Calvin, Med. 2, Troy
A.B. in Educ., 1928.
Allen, George Lewis, Arts 1, Reidsville
Allen, Harrison McClellan, Elec. Engg. 1, Snow Camp
Allen, Lawrence Milton, Comm. 2, Benson
Allison, Charles Walter, Jr., Sci. Med. 1, Charlotte
Allison, Harry Caldwell, Arts-Educ. 2, Concord
Allsbrook, William Randolph, Arts 1, Roanoke Rapids
Alphin, Robert Lee, Phar. 2, Wendell
Alston, Philip King, Arts 2, Raleigh
Ames, Nathan, Arts 1, Roxbury, Mass.
Anderson, Francis Irving, Arts-Laws 1, Reidsville
Anderson, Henry London, Arts 2, Chapel Hill
Anderson, Joseph Charles, Arts 2, Barnesboro, Penna.
Anderson, John Huske, Arts 3, Chapel Hill
Andrew, Clyde Monroe, Comm. 2, Greensboro
Andrew, John Montgomery, Med. 2, Salisbury
B.S., Davidson Col., 1928.
Andrew, Lacy Allen, Jr., Med. 2, Greensboro
Andrews, Buren Frost, Comm. 4, Trinity
Andrews, Charles Dana, Sci. Med. 2, Burlington
Andrews, John, Civ. Engg. 2, Biltmore
Angel, Brent Alexander, Arts-Educ. 1, Greensboro
Angotti, Samuel Anthony, Arts 2, Shinnston, W. Va.
Appel, Louis, Med. 1, Brooklyn, N. Y.
Arenson, Simon Weil, Sci. Phar. 3, Baltimore, Md.
Armfield, Frank, Arts 4, Concord
Armfield, John Wyatt, Arts 2, Concord
Armfield, Richard Beeson, Civ. Engg. 3, High Point
Armstrong, Lee Roy Wells, Law 2, Spencer
A.B., 1926.
Armstrong, William Eugene, Arts 1, Belmont
Arnold, Broddie Duke, Phar. 3, Fuquay Springs
Arnold, Nancy Seay, Arts-Educ. 3, Madras, Ga.
Arthur, William, Arts 1, Charlotte
Ashcraft, John Bulla, Comm. 3, Monroe
Ashmore, Miriam Lorayne, Arts-Educ. 4, Chapel Hill
Askew, David Etheldred, Arts 2, Snow Hill
Atiyeh, Frederick Edward, Arts 2, Brooklyn, N. Y.
Atkins, Callis Harny, Civ. Engg. 2, White Plains
Atkinson, William Mayo, Jr., Civ. Engg. 2, Wilmington
Atwood, Robert Clark, Comm. 1, Durham
Auman, Howard Frank, Comm. 2, Seagrove
Auman, Jason MacGregor, Arts-Educ. 1, West End

Auman, Leslie Wade, Arts-Educ. 1, Seagrove
Austin, Casper Marion, Comm. 2, Winston-Salem
Austin, Samuel Hunter, Comm. 2, Rocky Mount
Autry, Brady, Sci. Med. 1, Cooper
Avery, Robert Hill, Arts 2, New Brunswick, N. J.
Avner, David Leonard, Arts 4, Morgantown, W. Va.
Aycock, Benjamin Thompson, Comm. 2, Pantego
Aycock, Christopher Glenn, Arts-Educ. 2, Fremont
Aycock, Edwin Burtis, Arts 4, Fremont
Aycock, Milford Edmund, Arts-Laws 1, Pikeville
Ayers, Vance Odell, Arts-Educ. 4, Plymouth
Ayscue, Edwin Osborne, Law 3, Monroe
Bacot, Walter Westfield, Comm. 1, River Forest, Ill.
Badger, Thomas, Jr., Sci. Med. 2, Fayetteville
Bagby, George Lewis, Comm. 3, Charlotte
Baggs, Henry McKean, Arts 4, Washington, D. C.
Bailey, Braxton Richmond, Jr., Comm. 1, Advance
Bailey, Howard William, Arts 2, Chapel Hill
Bailey, Loretta Carroll, Arts 3, Chapel Hill
Baird, J. Lee, Arts 1, Matthews
Baker, Ashby Lee, Jr., Comm. 1, Raleigh
Baker, Julian Tucker, Comm. 1, Raleigh
Baker, Lenox Dial, Med., Spec., Durham
Baker, Merritt Clarence, Arts-Educ. 3, Buffalo, N. Y.
Baker, Otis Wallon, Comm. 3, Carthage
Baldwin, Hillard Poplin, Elec. Engg. 2, Fayetteville
Baldwin, Thomas Roper, Arts 3, Randleman
Baley, James Major, Jr., Arts 3, West Asheville
Ball, David Graham, Comm. 3, Raleigh
Ballard, Claude Houston, Jr., Arts 3, Kinston
Ballenger, Carol Alice, Arts 4, Welford, S. C.
Ballenger, Edgar Garrison, Jr., Arts 1, Atlanta, Ga.
Bane, Geneva Mae, Arts 4, Christiansburg, Va.
Bane, Henry, Law 3, Durham
B.A., Duke Univ., 1927.
Bane, Howard Evans, Comm. 1-Spec., Christiansburg, Va.
Banner, Charles Whitlock, Comm. 4, Greensboro
Barber, Benjamin George, Jr., Arts 2, Asheville
Barber, Elizabeth Swann, Arts 4, Raleigh
Barber, Milton Augustus, Jr., Arts 1, Raleigh
Barber, Richard Neely, Comm. 2, Waynesville
Barefoot, Lexie Glenn, Sci. Phar. 4, Four Oaks
Barfield, William Claude, Comm. 2, Newport
Barham, Dallie, Arts-Educ. 1, Wendell
Barham, Samuel A., Elec. Engg. 2, Madison
Barker, Thomas Hays, Jr., Arts 3, Leaksville
Barkley, Clarence Vernon, Jr., Comm. 2, Salisbury

Barkley, Minor, Arts-Educ., 4, Statesville
Barnes, Harper, Arts 1, Lillington
Barnes, Horace Malloy, Comm. 2, Lumberton
Barnes, John Daniel, Comm. 2, Wilmington
Barnes, William Edwin, Arts-Laws 1, Wilson
Barnes, Wilmer Eugene, Arts 1, Raleigh
Barnett, Robert Warren, Arts 1, Shanghai, China
Barnhardt, Albert Earl, Med. 1, Concord
A.B., 1929.
Barnes, Norman Dixon, Civ. Engg. 1, East Hampton, N. Y.
Barnwell, Grady Glenn, Premed. 1, Edneyville
Baroody, Theodore Alexander, Elec. Engg. 2, Florence, S. C.
Barrett, John Frederick, Civ. Engg. 2, Charlotte
Barrett, Sterling Archie, Sci. Med. 3, Fayetteville
Barry, Harry Mansel, Comm. 1, Unicoi, Tenn.
Bartlett, George Leslie, Comm. 2, New York, N. Y.
Barwick, Killian, Law 2, Raleigh
A.B., 1928.
Bass, James Lloyd, Arts-Educ. 2, Pikeville
Bass, Raymond Elmo, Sci. Chem. 3, Black Creek
Bateman, Stuart Johnston, Jr., Arts-Educ. 2, Columbia
Battley, William Richard, Comm. 2, Hamlet
Baucom, Clifford Randall, Arts-Educ. 3, Marshville
Baylor, Helen Louise, Arts-Educ. 4, Bluefield, W. Va.
Beacham, Grady Aulston, Arts-Educ. 2, Kitty Hawk
Beakley, John Coleman, Arts 3, Asheville
Beale, Seth McPherson, Premed. 1, Snow Camp
Beale, William Earle, Comm. 1, Wilmington
Beam, Benjamin Franklin, Comm. 2, Bessemer City
Beam, David Paul, Arts-Educ. 1, Bessemer City
Beam, Everett Guy, Comm. 2, Chapel Hill
Beam, Hoyle Franklin, Comm. 1, Chapel Hill
Beaman, Johnny William, Arts 2, New Bern
Beckham, Theldred Thomas, Arts 1, Henderson
Bell, Clay Covington, Arts-Laws 3, Rockingham
Bell, David Wilkinson, Jr., Sci. Phar. 3, Washington, D. C.
Bell, Henry Clay, Phar. 3, Bessemer City
Bell, J. Spencer, Law 3, Charlotte
A.B., Duke Univ., 1927.
Bell, Kenneth Adrian, Comm. 2, New Bern
Bell, William McRae, Arts 2, Rockingham
Bellamy, Marsden, Jr., Comm., Spec., Wilmington
A.B., Va. Mil. Inst., 1929.
Bellaver, Carl, Comm., Spec., Hillsboro, Ill.
Belton, Ernest Cleve, Arts-Educ. 2, Mount Airy
Bender, Frank Taylor, Arts-Educ. 1, Pollocksville
Benjamin, Abraham, Arts 1, Elizabeth, N. J.
Bennett, Frank, Jr., Comm. 1, Wadesboro

Bennett, George Franklin, Arts-Educ. 1,	Arapahoe
Bennett, Placid Burleigh, Arts-Educ. 3,	Chapel Hill
Bennett, William Otis, Arts 2,	Warren, Penna.
Benoit, Henry Bell, Jr., Comm. 2,	Charlotte
Benton, George Ruffin, Jr., Sci. Med. 2,	Fremont
Benton, Mills Scott, Law 1,	Sunbury
A.B., Guilford Col., 1929.	
Bernstein, Harold David, Comm. 1,	New London, Conn.
Bessen, Jack, Arts 1,	New Rochelle, N. Y.
Best, Glenn Eben, Sci. Med. 2,	Chapel Hill
Betts, Robert Edward, Arts 3,	Macon
Bevacqua, Attilio Emilio, Mech. Engg. 2,	Mount Vernon, N. Y.
Biggers, Joseph Allen, Arts-Educ. 1,	Matthews
Biggers, Ralph Lee, Comm. 1,	Matthews
Biggs, Alexander Graham, Civ. Engg. 1,	Winston-Salem
Biggs, George Henry, Comm. 1,	Wilmington
Biggs, William Archibald, Jr., Sci. Chem. 3,	Rockingham
Bisaner, Edgar Alan, Comm. 1,	Hickory
Bissell, Whitner Nutting, Arts 2,	New York, N. Y.
Bivens, John S., Arts-Educ. 3,	Monroe
Bivens, Sadie Margaret, Arts-Educ. 3,	Monroe
Bivens, Thomas Joel, Arts-Educ. 3,	Monroe
Black, Fischer Sluffly, Elec. Engg. 1,	Bryson City
Blackman, Wilbert Woodrow, Arts 1,	Benson
Blackstock, Hal Weaver, Law 2,	Asheville
Blackwood, Carl Walter, Arts-Educ. 3,	Melvin Hill
Blackwood, Irvin Sigmon, Comm. 1,	Greensboro
Blackwood, Jacob Curtis, Arts-Educ. 3,	Melvin Hill
Blair, Stanley Redding, Comm. 3,	Trinity
Blair, William Kennett, Arts 2,	Greensboro
Blake, Roy Baxter, Arts-Educ. 3,	Chapel Hill
Blauman, Gilbert, Comm. 1,	New Rochelle, N. Y.
Bliss, William Merlin, Arts 2,	Orlando, Fla.
Bloom, Aaron, Predent. 1,	New York, N. Y.
Blue, John Angier, Comm. 1,	Aberdeen
Blythe, Cloyd Eubanks, Arts-Educ. 2,	Huntersville
Boatwright, Swift Miller, Comm. 2,	Wilmington
Bobbitt, William Edgar, Civ. Engg. 4,	Rocky Mount
Bobo, Evie Merrill, Arts-Educ. 3,	Millport, Ala.
Boger, William Gordon, Arts 2,	Morganton
Bolen, Harry Eugene, Sci. Phar. 4,	Schoolfield, Va.
Bolton, Robert Baugham, Phar. 3,	Rich Square
Bonner, Norman James, Sci. Chem. 1,	Athol, Mass.
Bontomase, Jasper, Jr., Premed. 1,	Oswego, N. Y.
Boone, Edwin Theodore, Jr., Arts 1,	Lumberton
Booth, James Walker, Comm. 2,	New London, Conn.
Bordeaux, James Davis, Comm. 1-Spec.,	Wilmington

Boren, Allen Cook, Arts 2, Greensboro
Boring, Hampton Wade, Comm. 1, Chapel Hill
Bost, Abner Jackson, Elec. Engg. 1, Matthews
Boucher, George Paul, Law 1, Damascus, Va.
A.B., Emory and Henry Col., 1926.
Bourdelat, George Patterson, Comm. 3, Wagram
Bowman, Howard Graydon, Arts-Educ. 2, Statesville
Bowman, Ned Ornell, Med. 2, Berea, Ky.
A.B., 1929.
Boyce, Oren Douglas, Sci. Med. 3, Polkton
Boyd, Charles Henry, Jr., Civ. Engg. 2, Spray
Boyd, Henry Armistead, Arts 1, Warrenton
Boyette, Brandol Lee, Comm. 3, Murfreesboro
Boynton, Woodward Leavenworth, Arts 2, Highland Park, Ill.
Boysworth, Ernest Gaston, Sci. Phar. 4, Norwood
Boysworth, James Thomas, Elec. Engg. 3, Norwood
Bracken, Donald Reid, Premed. 1, New York, N. Y.
Bradham, George Washington, Arts 4, New Bern
Bradley, Curtis Lee, Elec. Engg. 1, Troy, S. C.
Brady, Harvey Clinton, Comm. 1, Conover
Brainard, Harry Gray, Comm. 4, Spencerport, N. Y.
Branch, John Dunn, Comm. 2, Salisbury
Brandt, John, Arts 4, Chapel Hill
Brannon, Clyde Caldwell, Arts-Educ. 1, Landrum, S. C.
Braswell, Justin Roosevelt, Arts-Educ. 2, Unionville
Braswell, Marcus Battle, Spec., Whitakers
A.B., 1929.
Braswell, Theodore Gray, Phar. 2, Castalia
Braswell, William Thomas, Jr., Arts 3, Whitakers
Brawley, Charles Heriot, Arts 1, Durham
Brawley, Daniel Johnson, Sci. Chem. 4, Statesville
Brawley, Reid McNeely, Arts 1, Statesville
Brawley, Robert Vance, Arts 4, Salisbury
Bray, Bun Benton, Jr., Arts-Educ. 1, Siler City
Breen, Samuel Jefferson, Arts 2, Rocky Mount
Breene, Julian Gordun, Arts 2, New Britain, Conn.
Breit, Irving Stanley, Arts-Educ. 4, Brooklyn, N. Y.
Bremer, Ted Walter, Arts-Laws 2, Wilmington
Brenner, Edward, Chem. Engg. 1, Hendersonville
Brett, Hampton Fleming, Comm. 1, Windsor
Brewer, Earle Frederick, Arts 2, Nyack, N. Y.
Brick, Sidney, Comm. 4, Dillon, S. C.
Brickman, Frederick Maitland, Jr., Comm. 2, Georgetown, S. C.
Bridger, Henry Clyde, III, Sci. Med. 1, Bladenboro
Bridgers, James Kelly, Jr., Elec. Engg. 1, Nashville
Bridgers, William Ashley, Arts 2, Wilson
Briggs, Vernon Lewis, Arts 1, Middletown, Conn.

Brisson, Joseph Herman, Arts-Educ. 4, St. Pauls
Brock, Robert Brown, Comm. 1, Florence, Ala.
Brodie, Benjamin Thorpe, Arts 3, Henderson
Brooker, Lofton Plunkett, Comm. 2, Asheville
Brooks, Aubrey Lee, Jr., Arts 1, Greensboro
Brooks, Albert Terrell, Arts 3, Greensboro
Brooks, Frederick Philips, Med. Spec., Chapel Hill
S.B. in Chem., 1921; S.M., 1922; Ph.D., 1926.
Brooks, Louis Vestal, Arts 1, Greensboro
Brooks, Ronald Ethelbert, Comm. 1, Elkins Park, Penna.
Brooks, Thomas Henry, Comm. 1, Huntington, W. Va.
Browder, Nathaniel Clemroy, Arts-Educ. 3, Hickory
Brown, Albert Clifton, Jr., Comm. 2, Kinston
Brown, Albert Curtis, Civ. Engg. 2, Concord
Brown, Alexander MacLeod, Arts 3, Franklin, Penna.
Brown, Bonnie Curlee, Phar. 2, Elkin
Brown, Bertram Hoole, Arts 4, Tarboro
Brown, Chester Henry, Jr., Comm. 1, Asheville
Brown, Clyde Russell, Premed. 3, Potecasi
Brown, Eugene Field, Comm. 3, Hillsboro
Brown, George, Arts 1, New York, N. Y.
Brown, Hazel Landreth, Arts-Educ. 3, Statesville
Brown, John Leonard, Jr., Civ. Engg. 3, Concord
Brown, Landis Gold, Med. 2, Selma
Brown, Milton Selby, Arts 1, Washington
Brown, Michael Zachary, Civ. Engg. 1, Brooklyn, N. Y.
Brown, Rufus Alexander, Arts 3, Concord
Brown, Royall Randolph, Comm. 2, Blacksburg, Va.
Brown, Theron Remfry, Comm. 2, Greensboro
Brown, Travis Taylor, Law 1, Charlotte
A.B., 1929.
Brown, Vernon Louis, Arts 1, Sea Gate
Brown, Wade Gillies, Arts 2, Flushing, N. Y.
Brown, William Howard, Arts 4, Greenville
Browne, Herbert Thompson, Sci. Med. 3, Nashville, Tenn.
Brunjes, John Henry, Arts 4, Wilmington
Bryan, Norwood Eason, Comm. 2, Newton Grove
Bryan, Norman Luther, Civ. Engg. 3, Winter Park, Fla.
Bryan, William Dempsey, Jr., Elec. Engg. 2, Tarboro
Bryant, Earle Osgood, Chem. Engg. 2, Clinton
Bryson, Holmes, Jr., Arts 1, Asheville
Bryson, Moore, Law 2, Asheville
Buchan, George Thomas, Arts 2, Henderson
Buchanan, Elmer William, Phar. 1, Greensboro
Buchanan, Robert Augustus, Phar. 1, Greensboro
Buchanan, Wayland Charnelle, Civ. Engg. 1, Lakeland, Fla.
Buck, Ruby Delight, Arts 3, Bald Mountain

Buie, John McNair, Comm. 1,	Wagram
Bullard, Cecil Fisher, Mech. Engg. 3,	Fayetteville
Bulluck, John David, Jr., Law 1, A.B., 1929.	Rocky Mount
Bunch, Frederick Brenning, Comm. 3,	Statesville
Bunch, Luther Elmo, Phar. 1,	Edenton
Bunn, James Harry, Jr., Sci. Med. 1,	Henderson
Bunn, James Pettigrew, Sci. Med. 2,	Battleboro
Bunn, Robert Dean, Premed. 3,	Henderson
Bunn, Turner Battle, Jr., Comm. 1,	Rocky Mount
Burch, Lacy David, Arts-Educ. 2,	Chapel Hill
Burdett, Winston Mansfield, Arts 1,	New York, N. Y.
Burgess, Sherman Everett, Arts 3,	Old Trap
Burke, William Levi, Comm. 2,	Burlington
Burnett, James Thomas, Comm. 1,	Sims
Burnett, Robert Trafford, Mech. Engg. 2,	Tryon
Burnett, William Clingan, Elec. Engg. 4,	Tryon
Burroughs, Mary, Arts 3,	Bethesda, Ga.
Burrus, Herman Dudley, Arts-Educ. 1,	Hatteras
Burt, James Adam, Comm. 3,	Biscoe
Burwell, Richard Gregory, Arts 2,	Stovall
Butler, Clifford Roosevelt, Phar. 1,	Salemburg
Byerly, Frederick Lee, Law 2, S.B. in Com., 1928.	Cooleemee
Bynum, Seny, Sci. Med. 1,	Chapel Hill
Cahoon, Edward Purnell, Phar. 3,	Columbia
Cain, Frederick Caldwell, Civ. Engg. 1,	Canton, Miss.
Caldwell, Allen Tribble, Comm. 1,	La Grange, Ga.
Caldwell, Lawrence McClure, Med. 2, B.S., Wake Forest Col., 1924.	Maiden
Caldwell, Robert Sarratt, Premed. 1,	Charlotte
Calhoun, Newton Sudderth, Jr., Comm. 3,	Winston-Salem
Cameron, Melvin Turner, Arts-Educ. 1,	Cameron
Cameron, Neil Crowson, Civ. Engg. 1,	Manley
Campbell, Colin Lawson, Comm. 1,	Winston-Salem
Campbell, Hugh Brown, Law 1, B.A., Amherst Col., 1929.	Waynesville
Campbell, Pierre, Comm. 1,	Yonkers, N. Y.
Campbell, Roy Hill, Comm. 2,	Parkton
Campbell, Thomas Judd, Comm. 2,	Lake Wales, Fla.
Campen, Tolar Brisben, Comm. 1,	Emerson
Cannon, Robert Laurence, Comm. 2,	Ayden
Cantrell, Clyde Hull, Arts 1,	Charlotte
Caraway, George Dewey, Arts 3,	Snow Hill
Carbine, William Lucius, Jr., Comm. 3,	Charlotte
Carlisle, William Lytch, Comm. 2,	Bennettsville, S. C.
Carlton, Charles Walton, Premed. 1,	Statesville
Carmichael, Dougald Malcolm, Arts-Educ. 2,	Rocky Mount

Carmichael, Robert Harllee, Arts 1, New York, N. Y.
Carpenter, Charles Carroll, Arts-Educ. 4, Crouse
Carpenter, Joseph Andrew, Comm. 3, Gastonia
Carpenter, Joseph Hannah, Comm. 2, Covington, Va.
Carpenter, Mary Lewise, Arts 4, Dallas, Tex.
Carpenter, Oscar Benjamin, Jr., Law 2, Kings Mountain
Carpenter, Stephen Winston, Elec. Engg. 1, Kings Mountain
Carr, Alpheus Branch, Comm. 2, Wilson
Carr, Charles Stuart, Jr., Arts 1, Norfolk, Va.
Carr, Frederick Louis, Jr., Arts 4, Wilson
Carr, Gabriel Paul, Arts 4, Teacheys
Carr, William Bryant, Arts-Educ. 4, Hillsboro
Carr, William Gray, Comm. 3, Wilson
Carroll, Amick Lewis, Arts-Educ. 4, Pittsboro
Carroll, William Houston, Comm. 1, Warsaw
Carter, Daniel Weamer, Arts-Educ. 3, Pitman, N. J.
Carter, Mary Anderson, Arts-Educ. 3, Fayetteville, Tenn.
Carter, Paul Stuart, Arts 2, Long Island, N. Y.
Carter, Shirley Reneigh, Arts-Jour. 2, Duffield, Va.
Carver, Flemiel Oscar, Jr., Arts 2, Roxboro
Case, Wallace Talmadge, Comm. 2, Southern Pines
Cassado, Harvey Halleck, Comm. 1, Littleton
Cate, Arlindo Sanders, Jr., Comm. 1, Greensboro
Cates, Clarence Coleman, Law 1, Burlington
Caveny, Charles Ramseur, Comm. 1, Shelby
Chace, Richard Amzen, Arts 2, Fall River, Mass.
Chaconas, Thomas James, Arts 3, Washington, D. C.
Chadbourn, James Harmon, Law 2, Wilmington
A.B, The Citadel, 1926.
Chamberlain, Frank Hart, Jr., Sci. Med. 2, Lincolnton
Chamberlain, Olivia Hart, Arts 4, Lincolnton
Chamberlain, Richard Mitchell, Arts-Laws 2, Winston-Salem
Chambliss, Hardee, Jr., Arts-Educ. 3, Washington, D. C.
Chandler, William James, Comm. 4, Winston-Salem
Chandler, Stuart McVeigh, Arts-Educ. 1, Durham
Chaoush, Eugene G., Arts 2, St. Augustine, Fla.
Chapetz, Nathan, Predent. 1, Bronx, N. Y.
Chase, Carl Carter, Arts-Educ. 2, Chapel Hill
Chatham, Charles Gwyn, Arts 3, Elkin
Chatham, Raymond Hunt, Comm. 1, Elkin
Chears, Vachel Thomas, Jr., Arts 1, Edenton
Cheatham, William Churchill, Comm. 4, Raleigh
Cheek, Charles Carr, Comm. 1, Raleigh
Cheek, John Morgan, Jr., Arts-Educ. 2, Sparta
Cheek, Nelle Rives, Arts-Educ. 4, Chapel Hill
Cheek, Ralph Bryant, Arts-Educ. 2, Sparta
Choate, Page, Elec. Engg. 3, Salisbury

Chrisco, Howard Fentress, Civ. Engg. 2,	Badin
Christian, Elizabeth Irving, Med. 1, B.S., Univ. of Penna., 1919.	Philadelphia, Penna.
Civils, Henry Franklin, Predent. 1,	Cove City
Clapp, Ernest Bernard, Phar. 1,	Greensboro
Clapp, Hubert Lee, Med. 2,	Swannanoa
Clark, Claude Baxter, Jr., Phar. 1,	Williamston
Clark, John Armstrong, Comm. 1,	Charlotte
Clark, Rance Edward, Phar. 3,	Pinetops
Clark, Stuart Lee, Comm. 2,	High Point
Clary, Morris Shaw, Arts-Educ. 2,	Rosemary
Clawson, Frank Doane, Civ. Engg. 1,	Beaufort
Cleland, Thomas Montgomery, Arts 3,	Bronx, N. Y.
Click, Henry Franklin, Elec. Engg. 1,	Ravenswood, W. Va.
Clifton, Deems Hardy, Comm. 2,	Faison
Clinard, John Wilson, Jr., Comm. 2,	High Point
Cline, Martin Luther, Phar. 1,	Granite Falls
Clodfelter, Clarence Lee, Phar. 2,	Thomasville
Coates, Norman Nathan, Arts 1,	Bronx, N. Y.
Coats, George Herman, Jr., Elec. Engg. 2,	Clayton
Coble, Charles Paul, Jr., Comm. 2,	High Point
Coble, James Clifford, Phar. 2,	Snow Camp
Coburn, Rufus Theodore, Arts 2,	Raleigh
Cochrane, Arthur Linwood, Phar. 1,	Weldon
Cochrane, Graham Clarke, Comm. 2,	Greensboro
Cockerham, Zebulon Vance, Arts-Educ. 1,	Mount Airy
Coffey, Christine LeRoy, Arts 4,	Lewisburg, Tenn.
Coffield, Benjamin Davis, Sci. Med. 2,	Columbia
Cohen, Gabriel Murrel, Arts 4,	Louisville, Ky.
Cohen, Jerome Jacob, Law 1,	Henderson
Cohen, Milton, Comm. 3,	Flushing, N. Y.
Cohen, Raymond, Comm. 2,	Henderson
Cohen, Solomon Paul, Premed. 2,	Weehawken, N. J.
Coker, Robert Ervin, Jr., Arts 2,	Chapel Hill
Cole, Allen Vincent, Comm. 1,	Oak Park, Ill.
Cole, Frank Adrian, Jr., Arts 2,	Weldon
Cole, George Frederic, Arts-Educ. 4,	Southern Pines
Coley, James Laurence, Comm. 3,	Wilmington
Colley, Elizabeth Stiles, Arts-Educ. 4,	Bloomsburg, Penna.
Collier, Walter Ennis, Jr., Comm. 1,	Baltimore, Md.
Collins, Cyril William, Sci. Med. 1,	Oak Park, Ill.
Colyer, James Fairlie, Mech. Engg. 1,	Jacksonville, Fla.
Comer, John Woltz, Arts-Educ. 3,	Dobson
Cone, Harold Simpson, Arts 1,	Greensboro
Conklin, Donald Rouse, Arts-Educ. 1,	Cazenovia, N. Y.
Conley, George Leslie, Comm. 3,	Marion
Connolly, Jack Calhoun, Sci. Med. 2,	Taylorsville

Connolly, Walter Eugene, Jr., Arts 2, Leasburg
Connor, Henry Groves, Jr., Arts 1, Wilson
Conrad, Edward Victor, Comm. 2, West Orange, N. J.
Constantine, Cunningham Wilson, Arts 3, Birmingham, Ala.
Cook, Jack Lawrence, Comm. 2, Hope Mills
Cooke, Donald Parkhurst, Comm. 2, Gardiner, Maine
Cooper, Frederick Battle, Jr., Predent. 1, Nashville
Cooper, Hugh Berkeley, Arts-Educ. 2, Pelham
Cooper, John Phil, Comm. 2, Raleigh
Cooper, Paul Sexton, Arts-Educ. 2, Dunn
Cooper, Williams, Comm. 3, Oxford
Cordle, Thomas Llewellyn, Elec. Engg. 1, Greensboro
Cornwall, Charles Costner, Mech. Engg. 2, Winston-Salem
Cornwell, George Thomas, Sci. Med. 2, Lawndale
Couch, Georgia Anna, Arts 4, Chapel Hill
Couch, Joseph Herbert, Jr., Arts-Laws 1, Chapel Hill
Coursey, Jack Barrow, Comm. 2, Southern Pines
Covington, Augustus McAlister, Law 3, Chapel Hill
A.B., 1929.
Covington, Richard Lee, Comm. 1, Norfolk, Va.
Covington, William Thomas, Jr., Law 1, Raeford
Covington, William Victor, Sci. Med. 1, Fayetteville
Cowhig, Robert Kelley, Mech. Engg. 1, Charlotte
Cowper, Albert Wallace, Arts 2, Kinston
Cowper, George Vernon, Jr., Law 2, Kinston
A.B., 1929.
Cowper, Marion Rountree, Civ. Engg. 3, Kinston
Cowper, Roscoe Bennett Gray, Med. 2, Raleigh
Cox, Clarice Carolyn, Phar. 3, Snead's Ferry
Cox, Josh Curtis, Arts-Educ. 1, Salisbury
Cozart, Sydnor Moye, Comm. 2, Wilson
Craig, David Jenkins, Jr., Law 1, Statesville
Craig, Elsa Snowden, Arts-Educ. 3, Chapel Hill
Craig, James Caskey, Prelaw 2, Waxhaw
Craig, John Thomas, Arts 3, Statesville
Craig, Ray Palmer, Phar. 2, Stanley
Crane, Frank Lathan, Arts-Educ. 3, Waxhaw
Crane, Thomas Penn, Comm.-Laws 1, Plainfield, N. J.
Craven, Claude Jackson, Arts-Educ. 3, Charlotte
Cranford, William Chapman, Comm. 2, Salisbury
Crawford, Walter Scott, Jr., Elec. Engg. 3, Mebane
Crawley, George Edward, Arts-Educ. 3, Essex
Credle, Burnice Leon, Comm. 3, Swan Quarter
Creech, Joseph Arnold, Phar. 1, Kenly
Creel, William Charles, Comm. 1, Raleigh
Creuser, Kent, Arts 3, New York, N. Y.
Crew, Stanley Ellis, Arts 3, Pleasant Hill

Crews, Charles Franklin, Jr., Comm. 1,	Greensboro
Crews, James Walter, Arts 1,	Walkertown
Crisfield, Lillian Beatrice, Arts-Educ. 3,	Charlotte
Crissman, Uba Frank, Phar. 2,	High Point
Cromartie, Robert Samuel, Jr., Sci. Med. 2,	Elizabethtown
Crook, Vernon Baldwin, Arts 2,	Concord
Croom, James Dallas, Jr., Comm. 1,	Maxton
Croom, John Harold, Arts 3,	Fayetteville
Croom, William David, Jr., Comm. 1,	Burgaw
Crouch, Walter Monroe, Jr., Comm. 1,	High Point
Crouch, William Stanford, Phar. 1,	Spray
Crow, Hubert Dinwiddie, Arts 1,	Raleigh
Crowell, Alton Walter, Sci. Med. 1,	Richfield
Crowson, Charles Allen, Arts 1,	Durham
Crowson, Thomas Walter, Jr., Sci. Med. 4,	Fayetteville
Crum, Charles Frederick, Elec. Engg. 1,	Gatun, Canal Zone
Crumpler, Shearod Hamilton, Arts 1,	Rosemary
Crutchfield, Colbert Frederick, Arts-Educ. 2,	North Wilkesboro
Crutchfield, William Thomas, Arts-Educ. 2,	Wilmington
Culbreth, Walter Hartwell, Sci. Geol. 2,	Raeford
Culpepper, Edwin Murphy, Arts-Educ. 1,	Elizabeth City
Curl, Andrew Otho, Jr., Comm. 1,	Creedmoor
Curlee, Edmund Lane, Law 2,	Burlington
Currie, Anne Kelso, Arts-Educ. 4,	Fayetteville
Currie, Ida Withers, Arts-Laws 3,	Clarkton
Currie, John Alexander, Arts 2,	New York, N. Y.
Curry, Clayton Smith, Phar. 1,	Lexington
Curry, Sydney McLean, Arts-Educ. 4,	Raleigh
Curtis, Jay Leumas, Arts 3,	Patterson
Curtis, William Rodolph, Arts-Educ. 4,	Franklinville
Cuthrell, John Everett, Arts-Educ. 1,	Lake Landing
Daddone, Oldwen, Predent. 2,	New Rochelle, N. Y.
Daley, Claude Clifford, Jr., Arts-Educ. 1,	Orlando, Fla.
Daley, Walter Alexander, Arts 3,	Orlando, Fla.
Dalton, Bennie Booker, Med. 2, A.B., 1924.	Red Springs
Dalton, Charles Claxton, Arts-Educ. 4	Forest City
Dalton, David Joseph, Mech. Engg. 2,	Red Springs
Dalton, Lacy Augusta, Arts 2,	Red Springs
Dameron, Emerson Penn, Prelaw 3,	Clinton
Daniel, Adrian Nathan, Jr., Civ. Engg. 2,	Wilson
Daniel, Armand Turner, Law 3,	Mocksville
Daniel, Charles Graham, Jr., Comm. 1,	Oxford
Daniel, Erasmus Alston, Jr., Prelaw 1,	Washington
Daniel, Elbert Clifton, Jr., Arts 1,	Zebulon
Daniel, Harriet Lane, Arts 3,	Clearwater, Fla.
Daniel, John Wallace, Arts 1,	Weldon

Daniel, John Wilson, Comm. 2, Charlotte
Daniel, Oscar Carroll, Jr., Premed. 1, Oriental
Dannenbaum, George, Comm. 2, Wilmington
Dannenbaum, Robert Samuel, Arts 2, Wilmington
Darden, Benjamin Augustus, Arts-Educ. 2, Fayetteville
Daughtridge, Ulyss, Arts 1, Rocky Mount
Davidson, Thomas Archie, III, Sci. Med. 1, Gaffney, S. C.
Davies, Baxter Tudor, Arts 4, Rochester, N. Y.
Davies, Eveland David William, Arts 3, Factoryville, Penna.
Davis, Alexander, Comm. 3, Seaboard
Davis, Arthur Benjamin, Sci. Phar. 1, Grover
Davis, Archibald Kimbrough, Arts 1, Winston-Salem
Davis, Braxton William, Arts 2, Fremont
Davis, Clarence, Arts-Educ. 3, Waxhaw
Davis, Cyrus Robert, Civ. Engg. 4, Fulton, N. Y.
Davis, Clarence Wright, Jr., Comm. 1, Wilmington
Davis, Edwin Brown, Jr., Premed. 1, Byromville, Ga.
Davis, Elmer Robert, Elec. Engg. 4, Southern Pines
Davis, Frank Payne, Jr., Comm. 1, Winston-Salem
Davis, Gus Obie, Comm. 3, Omaha, Tex.
Davis, George Thomas, Law 1, Lake Landing
A.B., 1929.
Davis, Jefferson, Sci. Med. 3, Waxhaw
Davis, Julia Cornog, Spec., Chapel Hill
Davis, John Elisha, Comm. 2, Winston-Salem
Davis, Joseph Holmes, Jr., Arts 2, Wilmington
Davis, John Otis, Comm. 1, Wilmington
Davis, Marvin Fisher, Arts 1, Salisbury
Davis, Robert Dorsey, Comm. 1, High Point
Davis, Ralph Watson, Comm. 3, Harmony
Davis, Thomas Pittman, Comm. 2, Roanoke, Va.
Davis, Warren Thomas, Jr., Comm. 1. Hot Springs
Dawson, James Baxter, Jr., Arts 2, New Bern
Dawson, James Nelson, Med. 2, Kinston
Day, William Foster, Jr., Arts 3, Greenville, Conn.
DeHart, Clifford Ral, Arts-Educ. 1, Stoneville
DeWolfe, Daniel Charles, Jr., Arts 2, Stepney Depot, Conn.
Deans, Ernest Vick, Jr., Arts-Educ. 1, Selma
Deans, James Lloyd, Sci. Geol. 1, Dunn
Deaton, Rufus Lee, Jr., Arts 2, Raleigh
Deese, Gaston Lee, Arts-Educ. 3, Monroe
Deese, Robert Clinton, II, Arts 2, Lumberton
Deitz, Clyde Jackson, Arts 1, Belmont
Dellinger, Flay Grigg, Elec. Engg. 1, Cherryville
Dellinger, Henry McLurd, Phar. 2, Stanley
Denning, Elbert Hubbard, Arts 3, Albemarle
Denning, John Roosevelt, Arts 2, Bentonville

Dent, Suzanne Tarpley, Arts 4, Lockhart, S. C.
Denton, Thomas Edward, Arts-Educ. 1, Douglasville, Ga.
Devereux, James Isham, Arts 2, Charlotte
Deviney, J. Norman, Comm. 3, Greensboro
Dewar, Neil Thomas, Comm. 2, Fuquay Springs
Dewey, Robert Foster, Arts 4, Chicago, Ill.
Dick, Frederick Williamson, Spec., A.B., 1928. Wilmington
Dickie, Canfield Smith, Civ. Engg. 3, Pittsfield, Mass.
Dickinson, John Lovewell, Arts, Spec., Pasadena, Calif.
Dickson, Glenn Simmons, Sci. Med. 3, Helton
Dike, William Gordon, Arts 3, Philadelphia, Penna.
Dilda, Stancil Lawrence, Comm. 1, Fountain
Dillard, James Earl, Premed. 1, Rocky Mount
Dillehay, Harold Judson, Comm. 2, Southern Pines
Dinstman, Joseph, Arts 1, New York, N. Y.
Dixon, James Glenn, Arts-Educ. 1, Mt. Vernon Springs
Dixson, William Nelson, Jr., Comm. 1, Winston-Salem
Dockery, Nicholas West, Sci. Chem. 3, Rockingham
Dodson, William Ira, Arts-Educ. 2, Hillsboro
Doggett, Felix Gladstone, Civ. Engg. 3, Brown Summit
Donnell, George Stratford, Arts 1, Wilmington
Donnelly, Grant Lester, Med. 2, A.B. in Educ., 1929. Trade, Tenn.
Donnelly, Paul William, Arts-Educ. 3, Trade, Tenn.
Dortch, Gavin, Jr., Comm. 3, Raleigh
Dostes, Leonard Crowell, Comm. 2, Waxhaw
Dougherty, John Henry, Arts 3, Asheville
Doughtie, Jerry Whitsett, Civ. Engg. 3, Columbus, Ga.
Doughton, James Emmett, Premed. 2, Sparta
Douglas, Thomas Basil, Sci. Chem. 3, High Point
Douglas, Virginia Adams, Arts 3, Greensboro
Douglass, Anderson Ellicott, Arts 2, Brandon, Vt.
Douthit, James Vernon, Comm., Spec., New London
Downing, Carl Duncan, Arts 2, Fayetteville
Dozier, John Sills, Jr., Premed. 1, Rocky Mount
Drake, Fred Brown, Comm. 3, Hendersonville
Drake, Francis Elmer, Elec. Engg. 4, Scotland Neck
Drane, Robert Wesley, Jr., Comm. 1, Florence, Ala.
Draper, William Franklin, Arts 2, Charlotte
Drasner, Jacob, Comm. 1, Long Island, N. Y.
Dratler, Joseph Jay, Arts 2, Long Island, N. Y.
Dresslar, Oscar Welborn Holland, Comm. 2, Nashville, Tenn.
Dry, William Henry, Comm. 4, Cary
Dudley, Ellis, Comm. 1, Vineland, N. J.
Dudley, Inez Sparrow, Arts-Educ. 3, Lake Landing
Dudley, John Wesley, Premed. 1, Newport News, Va.

Dudley, Leland Augustus, Arts-Educ. 1, Lake Landing
Dudley, William Garland, Jr., Phar. 1, Reidsville
Duffy, Charles Chapman, Arts 3, New Bern
Duffy, Rodolph, Law 2, New Bern
Duls, James Moore, Elec. Engg. 2, Charlotte
Dunavant, Samuel Jackson, Civ. Engg. 2, Charlotte
Dunbar, Aubrey Windley, Mech. Engg. 2, High Point
Duncan, Clyde Mason, Arts 3, Beaufort
Duncan, Owen Edgar, Comm. 2, North Wilkesboro
Dungan, J. Elwin, Arts 2, Sioux Falls, S. D.
Dunlap, Francis Biles, Arts-Educ. 2, Norwood
Dunlap, James Mendenhall, Jr., Arts 4, Wadesboro
Dunlap, Mary Marshall, Arts 4, Roxboro
Dunn, Frank Hughes, Comm. 1, New Bern
Dunn, Joseph Edward, Chem. Engg. 1, Oak Park, Ill.
Dunn, Rudy Willard, Civ. Engg. 1, Mebane
Dunn, William, Jr., Arts 3, New Bern
Dunn, William Clyde, Arts 3, Kinston
Dunning, Worth Louis, Arts 2, Woodland
Dupree, Franklin Taylor, Jr., Arts-Educ. 1, Angier
Durham, Archie Vernon, Arts-Educ. 1, Bynum
Durham, Manly Lewis, Arts-Educ. 1, Bynum
Dworin, Morris Herman, Med. 1, New York, N. Y.
Eagles, Joe Colin, Arts 3, Wilson
Eagles, Richard Lowman, Arts-Educ. 2, Fountain
Eaton, Joseph Wittington, Sci. Med. 2, Goffstown, N. H.
Eaton, Oscar Benjamin, Jr., Law 3, Winston-Salem
Edens, Allen Dupree, Phar. 1, Maxton
Edgerton, Celeste, Arts 4, Kenly
Edgerton, Glenn Sanders, Med. 2, Kenly
Edson, Cyrus Melvin, Arts-Educ. 3, Tampa, Fla.
Edwards, Charles Ruffin, Phar. 1, Mt. Holly
Edwards, David Calvin, Predent. 2, Walkertown
Edwards, James Glen, Law 2, Jonesboro
Edwards, Jesse Paul, Arts-Educ. 2, Spray
Edwards, Kenneth Franklin, Premed. 1, Pinetops
Edwards, Martha Elizabeth, Arts-Educ. 4, Portsmouth, Va.
Edwards, Ralph Goldston, Arts-Educ. 1, Wingate
Edwards, Rufus Robert, Arts-Educ. 4, Falcon
Edwards, Thomas Hicks, Arts-Educ. 3, Rutherfordton
Edwards, Teddy Roosevelt, Arts 1, Winston-Salem
Edwards, William Eugene, Comm. 1, Wilmington
Edwards, William Walter, Comm. 2, Durham
Efird, John England, Arts-Spec., Monroe
Egan, Edward Gundrum, Sci. Chem. 1, Irvington, N. J.
Eighme, Maurice Edward, Arts 2, Raleigh
Eisenberg, Edward Ephraim, Arts 2, Brooklyn, N. Y.

Eisenberg, Leonard, Arts 2, Winston-Salem
Eisner, Joseph, Arts 1, Brooklyn, N. Y.
Eliason, Adlai Hampton, Elec. Engg. 2, Statesville
Elkins, Charles Hendricks, Arts 2, Liberty
Elledge, Charles Cowles, Arts-Educ. 2, Champion
Ellinwood, Everitt Hews, Med. 1, Goldsboro
Elliott, Frank Wood, Comm. 1, Edenton
Elliott, Robert William, Arts-Laws 2, Hollis
Ellison, John Blount, Arts 2, Greensboro
Elmore, Hubert Lynwood, Law 3, Rocky Mount
Elson, John Richard, Jr., Comm. 2, Hendersonville
English, Daniel John, Arts 1, Mars Hill
English, Daniel Leon, Jr., Sci. Med. 3, Brevard
Enloe, Wallace, Arts 2, Atlanta, Ga.
Erickson, Charles Perry, Civ. Engg. 3, Chapel Hill
Ernst, Jane Jeanette, Arts 4, Chapel Hill
Errico, Frank John, Jr., Sci. Med. 1, Hillburn, N. Y.
Erskine, Charles Robert, Arts 3, Stamford, Conn.
Ervin, Hugh Tate, Civ. Engg. 3, Morganton
Eskew, Walter Eugene, Chem. Engg. 4, Greenville, S. C.
Eskridge, Elbert Stanford, Arts-Educ. 3, Lawndale
Estep, John Herbert, Arts 3, Whitehead
Etheridge, Vanburen Webb, Premed. 1, Manteo
Eubank, William Marvin, Jr., Arts-Educ. 4, Scotts Hill
Eubanks, Helen King, Arts-Music 4, Durham
Eubanks, Lyda Harris, Arts-Educ. 4, Chapel Hill
Evans, Thomas Clancy, Elec. Engg. 1, Charlotte
Evans, William Earle, Arts 2, High Point
Everitt, William Alvin, Arts-Educ. 2, Fayetteville
Ewbank, Ernest Wyttenbach, Arts 4, Hendersonville
Fagan, James Payne, Sci. Med. 3, Erwin, Tenn.
Falkener, Sara Gilmour, Arts-Educ. 4, Chapel Hill
Farleigh, Stuart Allen, Arts 4, Chicago, Ill.
Farmer, Bernice Divine, Jr., Comm. 1, Wilmington
Farmer, Charles Martin, Comm. 2, Wilmington
Farmer, Lucile, Arts 3, Chapel Hill
Farrell, Claude Herman, Arts-Educ. 2, Dunn
Farrell, Frank Wilson, Comm. 2, Cary
Farrell, Martin Clay, Arts 1, Carrboro
Farrell, Robert, Comm. 3, Aberdeen
Farris, Jack Brodie, Comm. 2, Charlotte
Farris, Ray Simpson, Comm. 4, Charlotte
Farriss, Carl Vernon, Law 3, De Land, Fla.
A.B., Stetson Univ., 1914; A.M., *ibid.*, 1915; LL.B., *ibid.*, 1928.
Faulkner, Joseph Goodson, Comm. 3, Clemson College, S. C.
Fearing, William Lumsden, Arts 3, Elizabeth City
Feaster, Elzada, Arts 3, Miami, Fla.

Felshin, Leon, Law 2, New York, N. Y.
Felton, Lankford Joseph, Comm. 2, Eure
Fenker, Richard Mathis, Arts 3, Nashville, Tenn.
Fenner, Julian Baker, Arts 4, Tarboro
Ferebee, Emmett Crews, Comm. 1, New Bern
Ferebee, James Lumsden, Jr., Civ. Engg. 3, West Allis, Wisc.
Ferguson, Edward Benjamin, Sci. Med. 2, Greenville
Ferguson, Fred Janes, Comm. 3, Dellwood
Ferguson, Richard Summers, Mech. Engg. 1, Philadelphia, Penna.
Ferrell, Joseph Franklin, Arts 1, Elizabeth City
Fillman, John Benton, Sci. Med. 2, Pittsburgh, Penna.
Finch, Harry Clinton, Arts 2, Wilson
Fischer, John Lewis, Elec. Engg. 2, Newark, N. J.
Fisher, Adam, Jr., Chem. Engg. 3, Charlotte
Fisher, Carl Hilbert, Arts 3, Salisbury
Fisher, James Bankerd, Arts-Educ. 2, Pittsburgh, Penna.
Fisher, Roscoe Brown, Arts 3, Salisbury
Fitch, Miles McPherson, Comm. 2, Mebane
Fitzgerald, William Brooks, Arts 1, Athol, Mass.
Fitzgerald, William Claude, Jr., Comm. 1, Albemarle
Fleishman, Milton, Arts 1, Fayetteville
Fleming, Arthur Hynes, Sci. Med. 2, Louisburg
Fleming, Frank Reavis, Arts-Educ. 3, Hamptonville
Fleming, Ralph Gibson, Comm. 1, North Side
Fleming, Sam Wallace, Arts 2, Jamesville
Fleming-Jones, McBride, Comm. 2, Chapel Hill
Flinn, Lawrence, Comm. 2, Pittsburgh, Penna.
Flowers, William Anderson, Comm. 2, Fremont
Flusser, Bertrand Arthur, Sci. Med. 1, New York, N. Y.
Flynt, Romulus Hoke, Arts 1, Winston-Salem
Flythe, William Henry, Med. 1, Laurel Hill
B.S., Davidson Col., 1929.
Foard, Cowan Carson, Sci. Med. 3, Statesville
Folger, Benjamin Franklin, Jr., Arts-Educ. 2, Dobson
Follin, Marion Geddings, Jr., Comm. 4, Winston-Salem
Follin, Thomas Barber, Comm. 2, Winston-Salem
Fonvielle, Edward Moseley, Arts 2, Wilmington
Fooshe, Dorothy, Arts 4, New York, N. Y.
Forbes, Charles Suttle, Arts 1, Greenville
Ford, Charles Ellis, Arts 3, Louisburg
Ford, John Frederick, Comm. 4, Belmont
Forehand, Orsdell Haywood, Arts-Educ. 2, Dunn
Forester, Maurine, Arts 4, Dallas, Tex.
Forney, Thomas Jacob, Arts-Educ. 2, Lawndale
Forrest, Bedford Broiser, Phar. 2, Hillsboro
Forrester, Roy Lane, Arts-Educ. 4, Chapel Hill
Foster, Daniel Russell, Comm. 2, Wilmington

Fountain, Joseph Emerson, Arts 1, Tarboro
Fowler, Clegg Winchester, Jr., Arts-Educ. 1, Monroe
Fowler, Edwin Mitchell, Mech. Engg. 3, Chapel Hill
Fowler, Joseph Thomas, Comm. 4, Chapel Hill
Fowler, William O'Kelly, Med. 1, Greensboro
B.S., Va. Mil. Inst., 1929.
Fox, Clarence Daniel, Arts-Educ. 1, Troutman
Fox, Haskell Wright, Med. 1, Troutman
Fox, Joseph Philip, Arts 3, Methuen, Mass.
Fox, Portland Portland, Arts-Educ. 1, New Hope
Fraley, Frederick Franklin, Sci. Med. 1, Woodleaf
Franklin, Roy Wade, Arts 3, Raleigh
Frasier, Harry Glenn, Arts-Educ. 1, Sanford
Frazer, Benjamin Barber, Comm. 1, Buffalo, Ala.
Freeman, Glen David, Arts-Educ. 3, Rutherfordton
Freeman, Richard Allen, Law 1, Salisbury
Freeman, Robert Belmont, Arts-Educ. 1, Ellerbe
Freeze, William Preston, Arts 3, Hendersonville
French, Berry Godwin, Comm. 2, Lumberton
French, George Edward, Jr., Arts 2, Statesville
French, George Irving, Arts-Educ. 2, Oneida, N. Y.
Friedman, Nahum, Sci. Med. 3, Brooklyn, N. Y.
Frisby, Everett Frederick, Elec. Engg. 2, Marshall
Fritz, William Abel, Med. 1, Hickory
Frizzelle, Cornelia Elizabeth, Law 1, Snow Hill
A.B., Greensboro Col., 1929.
Froneberger, Robert Earl, Civ. Engg. 1, Gastonia
Fulcher, Harry Smith, Elec. Engg. 1, Beaufort
Fuller, William Pace, Law 1, Durham
Furchgott, Arthur Clarence, Jr., Mech. Engg. 1, Charleston, S. C.
Furr, Earl Martin, Arts-Educ. 2, Stanfield
Fussell, Lucian Holmes, Arts-Educ. 3, Rose Hill
Fysal, Ellis Daker, Arts 3, Wilson
Gabriel, August James, Premed. 1, Brooklyn, N. Y.
Gaddy, Herman C., Arts-Educ. 3, Peachland
Gaither, Moody Zimria, Jr., Arts 1, Winston-Salem
Galland, Harry Joseph, Arts 3, Brooklyn, N. Y.
Galloway, Joseph Key, Elec. Engg. 1, Winter Park, Fla.
Gant, Joseph Erwin, Jr., Chem. Engg. 1, Burlington
Garland, Peter Woods, Jr., Comm. 1, Gastonia
Garner, Floyd McCoy, Comm. 2, Newport
Garner, John Wiley, Comm. 3, Goldston
Garren, Nelson Merrill, Predent. 1, Monroe
Garrett, Glenn Terrel, Law 2, Rockingham
Garrett, Howard Richard, Arts 2, Washington, D. C.
Garris, William Irving, Arts-Educ. 3, Murfreesboro
Garrison, Ralph Bernard, Med. 1, Glen Alpine

Gartzman, Henry, Sci. Med. 1, Waterbury, Conn.
Gaskill, Albert Clarke, Arts-Educ. 3, Beaufort
Gaskill, Eugene Larry, Arts-Educ. 3, Sea Level
Gatling, James Moore, Comm. 2, Raleigh
Gault, Charles Beers, Arts 1, Lake Waccamaw
Gay, Charles Houston, Med. 1, Charlotte
A.B., Duke Univ., 1929.
Gay, Kenneth Alexander, Comm. 3, Lawrence, Mass.
Gaylord, Albert Linwood, Comm. 1, Belhaven
Geiger, John Frank, Chem. Engg. 1, Mount Airy
Geitner, Robert Walker, Arts 2, Hickory
Gentry, Benjamin Gordon, Comm. 2, Reidsville
Gholson, Alfred Waddell, Jr., Law 3, Henderson
Gibbons, Henry Elbert, Jr., Arts 2, Hamlet
Gidney, Robert Sarratt, Comm. 1, Shelby
Gilbert, Harry Marion, Arts 4, Darlington, S. C.
Gilbert, Paul Lestrade, Civ. Engg. 3, Statesville
Gilbreath, John Ulpin, Comm. 2, Topeka, Kan.
Gilchrist, Peter Spence, Jr., Chem. Engg. 2, Charlotte
Giles, Lawrence James, Jr., Law 1, Clifton Forge, Va.
Giles, Ned Butler, Phar. 1, Glen Alpine
Gill, Eustis Dabney, Comm. 2, Zebulon
Gillespie, John McIver, Comm. 2, Greensboro
Gillies, Roderick McLeod, Jr., Civ. Engg. 1, Statesville
Gilmour, Matthew Pollock, Arts 2, Wilmington
Ginn, James Theda, Arts 2, Snow Hill
Gippin, Morris, Sci. Med. 3, Brooklyn, N. Y.
Glaberson, Samuel J., Comm. 1, Brooklyn, N. Y.
Glascock, Harold Winfield, II, Sci. Med. 3, Raleigh
Glascock, Thomas Addison, Jr., Comm. 1, Greensboro
Glass, Samuel, Comm. 3, Brooklyn, N. Y.
Glenn, Charles Arthur, Arts 2, Gastonia
Glenn, Edmond Theodore, Arts-Educ. 2, Sugar Grove
Glenn, John David, Arts 4, Gastonia
Glenn, John Frazier, Jr., Law 3, Asheville
A.B., 1927.
Glenn, Jay Powers, Comm. 1, Atlanta, Ga.
Glenn, Marion Sevier, Comm. 2, Asheville
Glickman, Charles Sydney, Sci. Med. 3, Brooklyn, N. Y.
Glidewell, Powell Watkins, Jr., Arts-Laws 2, Reidsville
Glover, Franklin Marvin, Elec. Engg. 2, Salisbury
Gobble, Banks James, Comm. 1, Lexington
Godwin, Reginald Carroll, Arts-Educ. 2, Fairfield
Goebel, Robert Wilson, Civ. Engg. 2, High Point
Gold, Thomas Jackson, Jr., Law 1, High Point
Goldstein, Alec, Sci. Med. 1, Greensboro
Goldston, Cleo Wade, Arts 3, Goldston

Good, Marjorie, Arts 3, Columbia, S. C.
Goode, George Browne, Comm. 4, Rutherford College
Goode, John Fisher, Arts-Educ. 2, Woodard
Goodes, Benjamin Lawrence, Comm. 2, Burlington
Goodman, Joseph Vernal, Arts-Educ. 3, Altamont
Goodridge, Noah, Arts 3, New York, N. Y.
Goodson, John M., Sci. Med. 1, Mount Olive
Goodson, Mary Katherine, Arts-Educ. 4, Mount Olive
Goodwin, Cleon Walton, Sci. Med. 3, Oriental
Goodwin, James Clivie, Arts-Laws 3, Clifton Forge, Va.
Gordon, James Wilkerson, Comm. 2, Pilot Mountain
Gordon, Thomas Wilson, Phar. 2, Hillsboro
Gorfain, Abner, Sci. Med. 2, Long Island, N. Y.
Gorham, George Wimberly, Jr., Elec. Engg. 1, Rocky Mount
Gorham, James Samuel, Jr., Comm. 3, Rocky Mount
Gorrell, John Shelton, Comm.-Laws 1, Winston-Salem
Grady, Elsie Swink, Arts 4, Kenly
Graham, Charles Pattison, Med. 2, Wilmington
Graham, Donald Watkins, Arts 3, Charlotte
Graham, Edward Kidder, Arts 2, Chapel Hill
Graham, Julia Elizabeth, Arts 4, Charlotte
Graham, James Melvin, Comm. 2, Baltimore, Md.
Graham, John Washington, Arts 4, Edenton
Graham, Kate Chestney, Arts-Educ. 3, Durham
Graham, Robert Edward Lee, Jr., Arts 4, Charlotte
Grainger, John Cameron, Arts 3, Wilmington
Grant, Bryan Morel, Jr., Comm. 1, Atlanta, Ga.
Grant, Elizabeth McMillan, Arts-Educ. 3, Wilmington
Grant, James Stacy, Comm. 4, Snead's Ferry
Grant, William Edward, Arts 4, Winston-Salem
Grantham, Norman Bridges, Comm. 1, Smithfield
Graves, Calvin, Jr., Law 1, Mount Airy
Gray, Bowman, Jr., Comm., Spec., Winston-Salem
A.B., 1929.
Gray, Daniel Elmore, Jr., Arts 1, Middletown, Conn.
Gray, Edmund Lilly, Arts 2, Raleigh
Gray, Franklin, Arts 2, New York, N. Y.
Gray, Gordon, Arts 4, Winston-Salem
Gray, James Polk, Arts 1, Statesville
Gray, Morton, Comm. 2, Brooklyn, N. Y.
Gray, Robert McDonald, Law 1, Statesville
A.B., 1929.
Gray, Walter Lee, Comm. 1, Charlotte
Green, John Robert, Comm. 2, Rockford, Ill.
Green, Stanley Everette, Arts-Educ. 3, Boiling Springs
Green, Worth Bunyan, Med. 1, Midland
B.Ph., Emory Univ., 1926.

Greenblatt, Milton, Arts 3,	Brooklyn, N. Y.
Greene, Alton Glenn, Arts-Educ. 3,	Candor
Greene, Ralph Cordell, Comm. 4,	Marshville
Greer, Frederick Blackman, Arts 2,	Anniston, Ala.
Greer, Lee Jackson, Arts 1,	Wilmington
Gregory, Augustus Merrimon, Arts 4,	Salisbury
Gregory, Herbert Thorpe, Arts 2,	Stovall
Gregory, John Fletcher, Jr., Comm. 2,	Winchester, Tenn.
Grier, Barron Kelly, Arts 2,	Statesville
Griffin, A. T., Phar. 2,	Pinetops
Griffin, Dwight McLean, Civ. Engg. 1,	Reidsville
Griffin, Isaac Ceburn, Jr., Arts 2,	Chapel Hill
Griffin, James Francis, Predent. 1,	Henderson
Griffin, James Odell, Arts-Educ. 3,	Chapel Hill
Griffin, John Sparks, Comm. 1,	Marshville
Griffin, Thomas Edmond, Arts-Educ. 4,	Monroe
Griffin, Thomas William, Comm. 3,	Arlington, Tenn.
Griffin, William Henry, Elec. Engg. 1,	Wendell
Griffith, James Thomas, Jr., Arts 1,	Monroe
Grimes, Charles O'Hagan, Law 2,	Raleigh
Grindstaff, Harold Freeman, Arts 2,	Sylva
Groome, Ivey Addison, Civ. Engg. 2,	Greensboro
Gross, Ernest Thurman, Jr., Elec. Engg. 3,	Burlington
Grossman, Harry, Arts 4,	Mebane
Grotyohann, John Walter Charles, Arts 3,	Brooklyn, N. Y.
Grover, Edward Maitland, Chem. Engg. 2,	Southern Pines
Grubbs, Paul Cashwell, Arts-Educ. 3,	Mocksville
Gump, Harry, Arts-Laws 2,	Greensboro
Gunter, June Uriah, Jr., Arts 3,	Sanford
Gupton, Lawrence Orion, Sci. Med. 2,	Rocky Mount
Gurganus, Aubrey Anthony, Arts-Educ. 3,	Washington
Gurganus, George Alton, Phar. 1,	Bethel
Guthrie, Clarence Hudson, Arts-Educ. 2,	Beaufort
Guthrie, Paul Alexander, Arts 2,	Rockingham
Gutierrez, Andres, Civ. Engg. 4,	Chapel Hill
Hadley, Wade Hampton, Jr., Sci. Geol. 3,	Siler City
Haines, Harold Atlee, Jr., Arts 1,	Philadelphia, Penna.
Haislip, Otis Lee, Arts-Educ. 1,	Schoolfield, Va.
Hall, James Brownlee, Jr., Med. 1,	Belmont
Hall, William Kerr, Comm. 2,	Winston-Salem
Ham, Frank Benton, Phar. 1,	Greensboro
Hamer, Edward Ryan, Arts-Educ. 3,	McColl, S. C.
Hamer, George Winston, Arts 4,	McColl, S. C.
Hamer, Jerome Bostick, Comm. 1,	Rockingham
Hamilton, Alfred Thompson, Arts 1,	Chapel Hill
Hamilton, Joseph G. deRoulhac, Jr., Arts 2,	Chapel Hill
Hamilton, Robert Victor, Arts-Educ. 1,	Easley, S. C.

Hamlet, Christopher C., Jr., Arts-Jour. 1, Pittsboro
Hammond, Lawrence Townley, Arts-Laws 3, Asheboro
Hammond, William Lee, Arts 1, Polloksville
Hampton, Kenneth Dunlap, Premed. 2, Raeford
Hamrick, Frederick Delmar, Jr., Law 1, Rutherfordton
Hancock, Colon Clifton, Arts-Educ. 2, Bear Creek
Hancock, Ernest Dewey, Arts-Educ. 4, Bear Creek
Hanna, Ralph Edward, Sci. Med. 2, Dunn
Hanscome, Robert, Comm. 2, Washington, D. C.
Harden, James Turner, Arts-Educ. 4, Graham
Hardin, Jason Hugh, Arts-Educ. 4, Forest City
Harding, Phoebe Randolph, Arts-Educ. 4, Washington
Hardy, Rupert Thurston, Arts 1, Roanoke Rapids
Hargrave, Andrew Galbraith, Comm. 1, Long Island, N. Y.
Hargrove, Theodore Augustus, Comm. 1, Canton
Harmon, John Obie, Law 2, Pittsboro
A.B., 1924.
Harper, Jacob Thompson, Arts-Educ. 2, Pittsboro
Harper, Sanford Carter, Jr., Comm. 4, Winston-Salem
Harper, William Bruce, Arts 1, Cleveland
Harper, William Lacy, Civ. Engg. 4, Pittsboro
Harrell, Dewitt Allen, Mech. Engg. 1, Scotland Neck
Harrell, Linwood Parker, Comm. 4, Edenton
Harrell, Raymond Harvard Starkey, Premed. 1, Mamie
Harrill, Henry Clay, Med. 1, Ellenboro
B.S., Davidson Col., 1929.
Harrington, John Madison, Arts 3, Freeport, N. Y.
Harris, Boyd White, Jr., Comm. 4, Durham
Harris, Carroll Nelson, Elec. Engg. 1, Schoolfield, Va.
Harris, Henry Doyle, Comm. 3, Durham
Harris, Joseph Carlos, Arts-Laws 3, Inez
Harris, James Luther, Jr., Arts-Educ. 3, Seaboard
Harris, John Lorry, Comm. 2, Raleigh
Harris, Lawrence Reed, Arts 2, Henderson
Harris, William Exum, Elec. Engg. 1, Jackson
Hartis, Gilbert Clyde, Phar. 1, Matthews
Hassell, Thomas Carey, Arts-Educ. 1, Clayton
Hawkins, Clyde Lee, Arts-Educ. 3, Bessemer City
Hawkins, John Schoolfield, Elec. Engg. 1, Norfolk, Va.
Hawley, Frank Morton, Arts 1, Portsmouth, Va.
Hayes, Charles Patton, Jr., Elec. Engg. 3, Glenwood Station
Hayes, John Sadler, Comm. 1, Charlotte
Hayes, Willard Melton, Arts 1, Gaffney, S. C.
Haywood, Egbert Lynch, Arts 3, Durham
Haywood, Wilbur Floyd, Comm. 2, Candor
Heafner, Bruce Franklin, Prelaw 1, Crouse
Hedgpeth, Thaddeus Valmonte, Elec. Engg. 4, Elm City

Hedrick, Paul Enos, Predent. 1,	Lenoir
Heffelfinger, William Walter, Jr., Arts 2,	Minneapolis, Minn.
Heffner, Bain Lafayette, Arts 2,	Greensboro
Heinitsh, George W., Med. 2,	Chapel Hill
Heller, Joseph Elias, Sci. Med. 3,	Brooklyn, N. Y.
Helms, John Reece, Arts-Educ. 1,	Marshville
Henderson, Peter Leland, Arts 3,	Jersey City, N. J.
Henderson, Ray, Arts-Educ. 2,	Greensboro
Henderson, Willis Irwin, Comm. 3,	Charlotte
Hendlin, Harry Howell, Arts 2,	Bronx, N. Y.
Henry, Champ Clark, Arts 1,	Blairsville, Penna.
Henry, Charles Howard, Comm. 2,	Plainfield, N. J.
Henry, David Probasco, Arts 1,	New Bern
Henry, Matthew George, Arts 3,	Chapel Hill
Hensley, Charles Alexander, Jr., Elec. Engg. 3,	Morganton
Heckenbleikner, Herbert, Arts 3,	Charlotte
Herkimer, Bernard Julius, Arts 1,	New Rochelle, N. Y.
Herman, Jack, Civ. Engg. 1,	Far Rockaway, N. Y.
Hester, Joseph Fairfield, Comm. 3,	Charlotte
Hewitt, Macon Halliburton, Jr., Predent. 1,	Forest City
Hewitt, Wyndham Woods, Mech. Engg. 1,	Asheville
Hickin, Albert Throssell, Arts-Laws 2,	Montreat
Hicks, Allen Milton, Phar. 1,	Pikeville
Higdon, Earl Dills, Comm. 1,	Sylva
Higdon, William Logan, Jr., Comm. 4,	Franklin
Hill, Flora Martha, Phar., Spec.,	Leaksville
Hill, Henry Osborne, Civ. Engg. 4,	Cherryville
Hill, Josephine, Arts-Educ. 3,	Burlington
Hill, John Phillip, Arts-Educ. 1,	Cherryville
Hiller, Richard Lowry, Comm. 1,	Winston-Salem
Hinds, Joseph James, Arts 1,	Westfield, N. J.
Hine, George Henry, Sci. Med. 1,	Winston-Salem
Hines, Eugene Griffin, Comm. 3,	Goldsboro
Hines, Horace, Arts 2,	Winston-Salem
Hines, Wilmer Moore, Arts 1,	Columbia, S. C.
Hinkle, David Riley, Elec. Engg. 1,	Thomasville
Hinkle, Ward Linville, Comm. 1,	Albemarle
Hinshaw, Conrad Ogburn, Arts-Educ. 4,	Pleasant Garden
Hinson, Seth Ward, Mech. Engg. 1,	Monroe
Hinton, George Roy, Arts 2,	Kenly
Hirsch, Sidney Leslie, Arts 2,	Brooklyn, N. Y.
Hobbs, Nelle Blair, Arts, Spec.,	Chapel Hill
Hobgood, Hamilton Harris, Arts-Educ. 2,	Bunn
Hocutt, Herbert Quincy, Sci. Med. 1,	Clayton
Hocutt, John Irving, Arts-Educ. 4,	Clayton
Hodges, Boyd Holloway, Comm. 1,	Dunn
Hodges, Howard Berkeley, Comm. 1,	Leaksville

Hodges, Harry Meade, Jr., Sci. Med. 1, Fayetteville
Hodges, Robert Mitchell, Arts 2, Winston-Salem
Hodges, Robert Theodore, Comm. 1, Lansdowne, Penna.
Hoefer, Elmer George, Jr., Elec. Engg. 3, Chapel Hill
Hoffman, William Rhyne, Arts 1, Atlantic City, N. J.
Hogan, Norwood Thomas, Arts-Educ. 1, Chapel Hill
Holcomb, Charles Edgar, Jr., Comm. 1, Atlanta, Ga.
Holder, Clyde Robert, Comm. 3, Winston-Salem
Holder, Glenn Parson, Arts 4, Greensboro
Holderness, Haywood Dail, Arts 3, Tarboro
Hole, Leonard Howlett, Arts 4, Greensboro
Holland, John Samuel, Premed. 1, Jennings
Holland, Max Willard, Comm. 1, Greensboro
Holland, Yates Leander, Arts-Educ. 1, Forest City
Holloman, Braxton Hubert, Arts 4, Ahoskie
Holmes, Alexander Baron, Law 3, Charleston, S. C.
Holmes, John Read, Comm. 2, Hendersonville
Holshouser, Columbus Sidney, Arts 1, Rockwell
Holt, Don Shaw, Comm., Spec., Graham
Holt, Robert Edward Lee, Jr., Sci. Med. 2, Burlington
Holt, William Kirkpatrick, Jr., Comm. 1, Burlington
Hood, Ethel, Arts 3, Lake Waccamaw
Hooks, Leonard Dickinson, Comm. 2, Fremont
Hooks, William Robert, Arts 4, Fremont
Hoover, Walter Lee, Jr., Predent. 1, Charlotte
Hopper, Herman Webb, Comm. 2, Leaksville
Hornaday, Flavius Durant, Jr., Comm. 1, Snow Camp
Horne, John Robert, Arts 1, Wilmington
Horney, Giles Foushee, Elec. Engg. 3, Greensboro
Horney, William Johnston, Jr., Civ. Engg. 3, Greensboro
Houghton, Matthews Amos, Arts-Educ. 3, Clayton
House, Ernest Estes, Law 3, Grand Forks, N. D.
House, Henry Charles, Arts 3, Weldon
Householder, Frank Johnson, Jr., Comm. 3, Durham
Houser, James Paul, Arts-Educ. 1, Bessemer City
Houser, William Henry, Jr., Arts 1, Cherryville
Houston, Francis Marion, Comm. 4, Raleigh
Houston, George Phifer, Comm. 2, Charlotte
Houston, Jack Morrison, Elec. Engg. 3, Charlotte
Hovis, Robert Alexander, Arts 4, Charlotte
Howard, Christopher Cameron, Civ. Engg. 4, Deep Run
Howard, William Alexander, Sci. Med. 4, Concord
Howe, Charles Kent, Jr., Comm. 2, Beaufort
Howe, Harold Ragan, Sci. Med. 1, Belmont
Hoyle, Walter, Law 3, Lincolnton
A.B., Univ. of Calif., 1927.
Hubbard, Charles Randolph, Arts-Educ. 3, Bald Creek

Hubbard, James Robinson, Elec. Engg. 1, Clinton
Hubbard, Robert Bronson, Comm. 1, High Point
Hubbard, Robert Edmund, Elec. Engg. 3, Clinton
Hudson, Clifford Franklin, Med. 2, Sparta
A.B., 1928.
Hudson, James Anderson, Arts 2, Salisbury
Hudson, James Spearman, Arts 3, Dallas, Tex.
Huff, Hansell Joseph, Sci. Med. 2, Moultrie, Ga.
Huff, Rufus Dalton, Premed. 1, Henderson
Huffman, Joseph Elmo, Arts-Jour. 2, Lexington
Huger, William Beekman, Arts 3, Savannah, Ga.
Hughes, Duncan Gilchrist, Comm. 2, Parkton
Hughes, Isaac Wayne, Jr., Arts 1, Henderson
Hughes, Ralph Eldridge, Jr., Comm. 1, Laurens, S. C.
Huguely, George Wesley, Jr., Comm. 3, Washington, D. C.
Hulon, Clyde Elbert, Comm. 3, Laurinburg
Humphrey, Earle Ambrose, Jr., Law 1, Goldsboro
S.B. in Comm., 1927.
Humphries, Wofford Forrest, Comm.-Laws 2, Asheville
Hunsucker, Wilbur Curtis, Sci. Med. 3, Gibson
Hunt, Onyx Samuel, Sci. Med. 2, Durham
Hunt, Paul Addison, Comm. 2, Pleasant Garden
Hunt, William Lanier, Arts 4, Pomona
Hunter, Calvin Bruce, Arts 2, Day Book
Hunter, Charles Eugene, Jr., Sci. Geol. 1, Tobaccoville
Hunter, Ernest Jones, Arts-Educ. 2, Huntersville
Hunter, Frederick Sample, Arts-Educ. 2, Huntersville
Hunter, James Leroy, Arts-Educ. 2, Huntersville
Hunter, Marvin Nathaniel, Arts-Educ. 3, Huntersville
Hunter, Shelton Brinson, Jr., Arts 4, Magnolia
Hunter, Thomas Allison, Arts 4, Greensboro
Hunter, Thomas Lindsay, Arts-Educ. 3, Lincolnton
Huske, Addie Currier, Arts-Educ. 4, Fayetteville
Huske, Isaac Hall, Arts 4, Fayetteville
Huskins, John Frank, Arts-Laws 3, Burnsville
Huskins, J. P., Arts 4, Burnsville
Huss, Kelly William, Sci. Phar. 4, Cherryville
Hutaff, Tabitha Cromwell, Premed. 3, Wilmington
Hutchinson, John Calvin, Premed. 1, Mount Gilead
Hutchison, Joel Jenkins, Jr., Comm. 2, Charlotte
Hyman, Abraham, Comm. 1, High Point
Idol, John Desmond, Comm. 2, High Point
Idol, Percy Cornelius, Comm. 1, High Point
Ingle, William Walter, Sci. Med. 2, Burlington
Ingold, George Ferrado, Arts-Laws 1, Albemarle
Ingram, John Robert, Jr., Comm. 4, Sanford
Irvin, E. Johnston, Prelaw 1, Concord

Irvin, Frank Ritch, Comm. 1, Salisbury
Isbell, Thomas Phillips, Predent. 1, Lenoir
Isenhour, John Henry, Comm. 2, Salisbury
Isley, John Mack, Civ. Engg. 1, Mebane
Jackson, Cecil Cavines, Prelaw 1, Biltmore Forest
Jackson, Frank Wissler, Sci. Med. 3, Apex
Jackson, Henry Tull, Arts-Educ. 2, Mount Olive
Jackson, James Ferrell, Arts-Educ. 2, Autryville
Jackson, Jonathan William, Arts-Jour. 1, Hendersonville
Jackson, Lillie Williams, Arts 3, Eustis, Fla.
Jackson, Morris Bradley, Arts-Educ. 2, Newport, N. Y.
Jackson, Margaret Lavenia, Arts, Spec., Leicester
Jackson, Martin Wade, Arts 2, Chapel Hill
Jackson, Ollen Cooper, Arts 1, Salemburg
Jackson, Oscar Lenward, Phar. 1, Salemburg
Jackson, Philip, Comm. 4, Gastonia
Jackson, Philip Ray, Comm. 1, High Point
Jackson, Samuel Dawson, Arts 1, Laurel Hill
Jackson, William Thomas, Jr., Comm. 4, Weeksville
Jacocks, Francis Gillam, Jr., Sci. Med. 3, Elizabeth City
James, Arthur Augustus, Jr., Med. 2, Laurinburg
A.B., 1928.
James, Brandol Franklin, Jr., Arts-Music 3, Ayden
James, Francis Marion, Arts-Educ. 2, Wilmington
James, William Kelly, Arts-Educ. 3, Farmington
Jameson, Harlan, Comm. 2, Winter Haven, Fla.
Jarman, William Henry, Comm. 2, Wilmington
Jarratt, Augustus Henry, Jr., Arts 3, Concord
Jarratt, John Bruce, Arts 1, Concord
Jeffreys, John Francis, Jr., Comm. 1, Winston-Salem
Jemison, John Snow, Jr., Comm. 3, Birmingham, Ala.
Jenkins, Raymond Taylor, Sci. Med. 2, Kinston
Jenkins, William Sumner, Law 3, Lincolnton
A.B., 1924; A.M., 1925; Ph.D., 1927.
Jenrette, Thomas Shephard, Arts-Educ. 2, Marietta
Jensen, Clarence Arthur, Arts 1, East Orange, N. J.
Jernigan, Luby Baggett, Arts-Educ. 2, Cooper
Jessup, Robert Moore, Comm. 3, Guilford College
Johnson, Allan Glendon, Comm. 2, Varina
Johnson, Amos Neill, Med. 1, Garland
A.B., 1929.
Johnson, Burt Powers, Arts-Educ. 2, Lillington
Johnson, Charles Bascum, Premed. 2, Wilmington
Johnson, Clarence Everett, Premed. 1, Statesville
Johnson, Daniel Calvin, Arts-Educ. 3, Morven
Johnson, Elizabeth, Arts 4, Louisburg
Johnson, Esther Clyde, Arts 3, Milwaukee, Wisc.

Johnson, Frederick Kitchin, Arts 2, Benson
Johnson, Gales, Pub. Wel., Spec., Chapel Hill
Johnson, Henry Livingston, Arts 3, Dillon, S. C.
Johnson, Jasper Calvin, Comm. 3, Morven
Johnson, Josiah Dark, Premed. 3, Siler City
Johnson, James Edwin, Law 2, Benson
Johnson, Joseph John, Premed. 3, Siler City
Johnson, John Ralph, Med. 2, Clayton
A.B., 1929.
Johnson, Larry Branch, Comm. 2, Charlotte
Johnson, Leslie LeRoy, Jr., Elec. Engg. 1, Aberdeen
Johnson, Pinkney Greer, Jr., Elec. Engg. 3, Asheville
Johnson, Patrick Henry, Jr., Arts 2, Pantego
Johnson, Robert Glenn, Comm. 2, Benson
Johnson, Ray Wooten, Comm. 1, Ayden
Johnson, Toon Blair, Sci. Phar. 3, Vale
Johnson, Thomas Lester, Jr., Arts-Laws 1, Lumberton
Johnson, William Bizzelle, Sci. Med. 2, Dillon, S. C.
Johnson, William Robert, Arts-Educ. 3, Four Oaks
Johnson, William Wesley, Arts-Laws 2, Varina
Johnson, Woodrow Wilson, Sci. Phar. 1, Varina
Johnston, Andrew Hall, Jr., Arts-Laws 1, Asheville
Johnston, Fred Odell, Arts 4, Kelford
Johnston, Henry, Jr., Spec., Tarboro
A.B., 1926.
Johnston, Jesse Randolph, Sci. Med. 1, Washington
Jones, Clarence Clayton, Comm. 1, Pink Hill
Jones, Frank Allen, Arts-Educ. 4, Cofield
Jones, George Andrew, Premed. 1, Franklin
Jones, George Lyle, Arts 2, Asheville
Jones, Henry Fred, Jr., Arts 2, Baltimore, Md.
Jones, Herbert William, Comm. 3, Greensboro
Jones, Joseph Piper, Arts 2, Chapel Hill
Jones, Mack Manand, Elec. Engg. 1, Asheville
Jones, William Elmer, Elec. Engg. 1, Clayton
Jones, Wade Oscar, Prelaw 1, Winston-Salem
Justus, Fowler Hughes, Elec. Engg. 1, Hayesville
Kale, Robert Glenn, Phar. 3, Catawba
Kapp, Constantine Hege, Sci. Med. 2, Winston-Salem
Kapp, Henry Herman, Jr., Sci. Med. 3, Winston-Salem
Karle, William Hormuth, Comm. 1, Rochester, N. Y.
Karriker, Thurman R., Comm. 3, Mooresville
Kaufman, Alex, Predent. 1, New York, N. Y.
Kaufman, Arthur Wright, Sci. Med. 2, Essex Falls, N. J.
Kaufman, Philipp Klemens, Premed. 1, New York, N. Y.
Keefe, John Eller, Predent. 1, New York, N. Y.
Keim, George Clifton, Arts 2, Germantown, Penna.

Keith, Theodore Roosevelt, Sci. Med. 4, Currie
Keller, William Lee, Civ. Engg. 2, Oxford
Kellogg, Martin, Jr., Law 2, Sunbury
Kelly, Daniel Archibald, Arts-Laws 1, Biscoe
Kelly, Leo Curtis, Phar. 3, Lillington
Kenan, James Graham, Arts 1, Atlanta, Ga.
Kendall, Bloomfield, Mech. Engg. 3, Shelby
Kendrick, Charles Mattox, Med. 1, Fallston
A.B., Duke Univ., 1929.
Kendrick, Edward Louis, Mech. Engg. 2, Merry Oaks
Kenfield, Elizabeth Lauretzen, Pub. Wel., Spec., Chapel Hill
Kennedy, John Henry, Jr., Comm. 2, Cumnock
Kent, Benjamin Horatio, Phar. 2, Lenoir
Kenyon, Van Leslie, Jr., Mech. Engg. 2, Hillsboro
Kerr, John Wise, Comm. 2, Statesville
Kersey, Walter Robert, Premed. 2, Presque Isle, Maine
Kesler, Roland Lincoln, Spec., Salisbury
Kessler, William Frederick, Sci. Med. 3, New York, N. Y.
Ketchie, Hansel Dalton, Comm. 2, Statesville
Key, Robert Glenn, Law 2, Ronda
Kidd, Edward Benedict, Jr., Comm. 2, Charlotte
King, Roy Bateman, Comm. 2, Oxford
Kincaid, Archibald Douglas, Jr., Arts 3, Charlotte
Kincaid, Thomas Rufus, Arts-Jour. 1, Lenoir
Kindel, William Allen, Jr., Comm. 2, Raleigh
King, Clarence Martin, Arts-Educ. 3, Burnsville
King, Ernest Walter, Jr., Comm. 2, Charleston, S. C.
King, Frank Lathrop, Jr., Arts 2, Beaufort
Kirk, Jacob Sidney, Elec. Engg. 4, Mocksville
Kirkpatrick, Arthur Moiles, Premed. 3, Caldwell, N. J.
Kirkpatrick, John James, Comm. 3, Caldwell, N. J.
Kiser, Arthur George, Phar. 2, West Asheville
Kiser, Busby Leonard, Arts-Educ. 3, Lincolnton
Kiser, Worth LeRoy, Comm. 3, Bessemer City
Kitchin, Jesse Walton, Med. 1, Horse-Shoe
Kitchin, Kate Parks, Arts 3, Scotland Neck
Kellesvig, Kolbein Ludvig, Arts 2, Bogota, Colombia
Kjellesvig, Pedro Pablo, Arts-Laws 3, Habana, Cuba
Kleemeier, John Augustus, Jr., Comm. 2, Greensboro
Klein, Norman Burkhardt, Comm. 2, Cleveland, Ohio
Kluttz, Charles Harris, Jr., Arts 1, Salisbury
Klutz, Howard Martin, Law 1, Blowing Rock
B.A., Wake Forest Col., 1929.
Knoefel, Arthur Eugene, Jr., Med. 1, Black Mountain
A.B., 1929.
Knoop, Frederick, Jr., Mech. Engg. 2, Washington, D. C.
Knowles, Rodney, Jr., Comm. 1, Mount Olive

Koch, Frederick Henry, Jr., Arts 1, Chapel Hill
Kochendorfer, Ronald Arthur, Arts 1, Richmond Hill, N. Y.
Kochtitzky, Oscar Wilbur, Jr., Civ. Engg. 2, Wilson
Koehl, George Martin, Arts-Educ. 3, College Point, N. Y.
Koenig, William Smith, Arts 3, Greensboro
Koonce, Carroll Hunner, Arts 2, Wilmington
Kornegay, Alonzo Dixon, Arts-Educ. 1, Dover
Kramer, Harry Edward, Comm. 3, Whiteville
Krasney, Morris, Sci. Med. 2, Newark, N. J.
Krauss, Frederick Carville, Elec. Engg. 2, Asheville
Krider, James Hodge, Arts 2, Salisbury
Krock, Simon, Civ. Engg. 1, Worcester, Mass.
Kuralt, Wallace Hamilton, Comm. 3, Springfield, Mass.
Kurfees, James Gordon, Sci. Med. 1, Raleigh
Kushner, Robert Lee, Predent. 2, Danville, Va.
Kusnitz, Morris, Jr., Arts 2, Durham
Kutz, Mary Abilene, Arts 3, Fayetteville
Kuykendal, Franklin Banks, Jr., Elec. Engg. 4, Matthews
Kyle, Henry Hall, Mech. Engg. 1, Waterbury, Md.
Kyles, Edith Elizabeth, Arts-Educ. 3, Statesville
Kyles, Paul, Predent. 2, Statesville
Lackey, Howard Lester, Law 2, Carlisle, Penna.
B.A., Vanderbilt Univ., 1929.
Lambert, Dewey Winfred, Comm. 3, Greensboro
Lamm, Roney William, Law 1, Wilson
A.B., Duke Univ., 1929.
Lancaster, Lawrence Earl, Law 1, Vanceboro
A.B., 1926.
Lancaster, Wade Lee, Arts-Educ. 2, Wilson
Lance, Helen Frances, Arts-Educ. 3, Timberlake
Landis, Platt Walker, Comm. 1, Charlotte
Lane, Benjamin Benson, Jr., Civ. Engg. 3, Chapel Hill
Lane, Patrick Henry, Arts-Laws 2, Bishopville, S. C.
Lane, Rachel Penn, Arts 3, Sanford
Lane, Walter Austin, Comm. 1, Monroe
Lane, William Hooks, Sci. Med. 3, Stantonsburg
Lang, John Albert, Arts 4, Carthage
Langley, Forrest Lelon, Arts-Educ. 3, Kenly
Langston, Allen Wooley, Law 1, Mocksville
A.B., Grinnell Col., 1929.
Lansford, Alonzo Marcus, Arts 1, Charlotte
Lasitter, Moses Dow, Jr., Comm. 4, Greenville
Lassiter, John Hanes, Arts 1, Charlotte
Latham, John Dudley, Arts-Jour. 1, Washington
Lathan, Byron William, Arts 1, Monroe
Lathan, William Ray, Arts-Educ. 3, Monroe
Latta, Henry Clay, Jr., Comm. 2, Raleigh

Laurence, William Norris, Comm. 3, Asheville
Lawson, Charles Franklin, Sci. Geol. 2, Chattanooga, Tenn.
Lawson, George William, Arts 4, Chapel Hill
Lawson, John Patrick, Arts 1, Wadesboro
Laxton, Frederick Mitchell, Jr., Civ. Engg. 1, Charlotte
Layton, Sexton James, Arts 2, Clayton
Lazarus, Rosy, Phar. 1, Sanford
Lea, Mebane Thomas, Arts 3, Wilson
Lea, Sydney Longstreth Wright, Arts 2, Mount Airy
Lear, Charles Merritt, Elec. Engg. 4, Chapel Hill
Leary, Eugene, Arts-Educ. 4, Merry Hill
Leary, Hilary Ashburn, Arts 1, Old Trap
Ledbetter, Charles McIver, Civ. Engg. 4, Dome
Lee, Enoch Lawrence, Jr., Sci. Med. 1, Wilmington
Lee, Howard Monroe, Comm. 1, Dunn
Lee, Ludie Carrie, Arts-Educ. 3, Benson
Lee, Polie Gardner, Arts-Educ. 2, Benson
Lefler, Arthur Leonard, Arts-Educ. 2, Landis
Leggett, Percy Ormond, Arts-Educ. 3, Scotland Neck
Leibowitz, Arthur, Comm. 2, New York, N. Y.
Lennon, Ernest Duval, Mech. Engg. 3, Lumberton
Lentz, John Paul, Arts-Educ. 2, Stony Point
Leonard, Clyde Wilson, Arts-Educ. 1, East Spencer
Leonard, Frank Alfred, Comm. 1, Schoolfield, Va.
Lester, John Whipple, Arts 1, Hartford, Conn.
Levings, George Edward, Law 2, Moorhead, Miss.
Grad., U. S. Mil. Acad., 1927.
Levinson, Martin, Arts-Educ. 1, Waterbury, Conn.
Levitt, Robert Oscar, Arts 2, Brooklyn, N. Y.
Levy, Theodore David, Comm. 1, Tarboro
Lewis, Frederick Gordon, Prelaw 2, Beaufort
Lewis, George Wesley, Arts-Educ. 4, Marshallberg
Lewis, John Baker, Law 3, Farmville
A.B., 1929.
Lewis, John Cashwell, Comm. 1, Fayetteville
Lewis, Leonard Daniel, Comm. 4, Hendersonville
Lewis, Luther Murray, Arts-Educ. 4, Faison
Lewis, William Edward, Comm. 1, Beaufort
Lewis, Matt Ransom, Phar. 3, Atkinson
Libbus, Thomas Anthony, Sci. Phar. 4, New Bern
Liberstein, William, Premed. 1, Far Rockaway, N. Y.
Lichtenstein, Nathaniel, Spec., New York, N. Y.
Liles, Graham Allen, Comm. 2, Wilson Mills
Lilly, Henry Marvin, Jr., Arts-Educ. 2, Greensboro
Lindeman, John Bouse, Comm. 1, Greensboro
Lindley, John Van, Arts 4, Greensboro
Lindsay, William Samuel, Comm. 3, Camden, S. C.

Lindy, Albert, Comm. 1, Burlington
Lineberger, Joseph William, Arts 1, Belmont
Lingerfeldt, Theodore Howard, Arts-Educ. 1, Bessemer City
Linker, Julius Dodd, Arts 3, Salisbury
Linn, James Birney, Law 3, Needham, Mass.
Lintner, Pearl-Rose Sumray, Arts 4, Woodbine, N. J.
Lipscomb, Edward Russell, Comm. 3, Greensboro
Liskin, Philip, Comm. 2, New Rochelle, N. Y.
Little, Arthur Dillard, Jr., Arts-Jour. 2, Thomasville
Little, Howard Q. L., Sci. Med. 3, Conover
Little, James Millard, Jr., Arts 3, Winston-Salem
Little, Rufus Reid, Med. 2, Greensboro
A.B., 1928.
Llewellyn, Robert James, Arts 3, Stoneville
Lloyd, William Lacy, Comm. 1, Hillsboro
Lobdell, Hugh Lewis, Law 1, Rosedale, Miss.
B.S., Miss. A. and M. Col., 1929.
Loftin, Charles Ivey, Jr., Comm. 1, Gastonia
Lohnes, James Thompson, Jr., Arts 2, Valley Falls, N. Y.
Lohr, Dermot, Sci. Med. 4, Lexington
London, George Elliott, Arts 1, Raleigh
London, Henry Mauger, Jr., Arts 2, Raleigh
London, John Haughton, Arts 3, Pittsboro
London, Lawrence Foushee, Arts 3, Pittsboro
Long, Edwin Godwin, Civ. Engg. 3, Roxboro
Long, George Attmore, Law 1, Graham
Long, Joseph Judson, Jr., Comm. 1, Edenton
Long, John Peebles, Arts 1, Jackson
Long, Jake Russell, Arts-Educ. 1, Mebane
Long, Joseph Wallace, Arts-Educ. 2, Forest City
Long, Rowland Veach, Comm. 1, High Point
Long, William Ivey, Arts-Educ. 1, Seaboard
Longest, Edward Cecil, Arts-Educ. 2, Beaufort
Lord, Balfour Thorn, Law 3, Asheville
A.B., Univ. of the South, 1926.
Lore, Ralph Eli, Med. 2, Lincolnton
A.B., 1925.
Love, George Waverly, Arts-Educ. 4, Danville, Va.
Love, Marion Sumpter, Premed. 2, Hillsboro
Loveland, Lewis Joseph, Arts 2, Asheville
Loven, Andrew William, Arts 2, Horse Shoe
Lowenstein, Alan V., Arts 1, Danville, Va.
Lowery, Edwin Lawrence, Mech. Engg. 4, North Tonawanda, N. Y.
Lowrance, Lawson Henry, Comm. 2, Cold Spring
Lowry, Roy Frank, Arts-Educ. 4, Newark, N. J.
Lowry, Walter Guinn, Jr., Arts-Educ. 4, Wingate
Lubetkin, Henry Leon, Premed. 1, Catawba

Lucas, Charles Clement, Arts 2, Hickory
Lucas, Woodrow Wilson, Arts 1, Pineville
Ludeman, Robert Oscar, Arts-Laws 1, Hempstead, N. Y.
Lufty, Napoleon Bonaparte, Arts 3, Black Creek
Lumpkin, Nathaniel Wilson, Jr., Arts 1, Hobgood
Lumpkin, Virginia Dabney, Arts 3, Glen Ridge, N. J.
Lupton, Carroll Crescent, Med. 2, Greensboro
Lynch, James Madison, Jr., Arts 1, Charlotte
Lynch, Stephen Andrew, Jr., Comm. 2, Miami, Fla.
Lyon, Homer LeGrand, Jr., Arts 4, Whiteville
Lyon, Winfield Hancock, Jr., Arts-Educ. 1, Smithfield
McAlister, Jean Colvin, Med. 1, Greensboro
A.B., Agnes Scott Col., 1921.
McAlister, John Worth, Comm. 2, Winston-Salem
McAllister, Harmon Carlyle, Sci. Med. 1, Mount Pleasant
McAnally, Adelaide Madison, Arts 3, High Point
McArthur, Jesse Boone, Arts-Educ. 3, Wakulla
McArthur, William Surles, Arts-Educ. 1, Wakulla
McCall, Herbert William, Arts-Educ. 3, Murphy
McCampbell, John Caldwell, Arts 1, Morganton
McCaskill, Norman James, Arts 1, East Rockingham
McClure, David Craig, Arts-Educ. 2, Forest City
McColl, Owen Jasper, Elec. Engg. 3, Fayetteville
McCombs, Loy Macon, Phar. 2, Salisbury
McConnell, Samuel, Jr., Arts 2, Water Mill, N. Y.
McCorkle, William Crump, Comm. 1, Salisbury
McCormick, George Harold, Chem. Engg. 3, Greensboro
McCotter, DeWitt Clinton, Jr., Comm. 3, Cash Corner
McCoy, Clarence Latimer, Jr., Comm. 1, Laurinburg
McDade, Roy Arnold, Jr., Arts-Educ. 1, Lenoir
McDaniel, George Dawson, Law 3, Chapel Hill
A.B., 1927.
McDaniel, Millard Taft, Arts-Educ. 2, Badin
McDiarmid, Daniel Alexander, Comm. 1, Parkton
McDonald, James Harold, Comm. 1, Jackson Springs
McDuffie, Daniel Curtis, Arts-Educ. 1, Jackson Springs
McDuffie, William Cole, Comm. 1, Fayetteville
McEachern, Duncan Roland, Med. 2, Wilmington
B.S., Davidson Col., 1928.
McGanley, Joseph James, Comm. 1, Oak Park, Ill.
McGill, Sanford Foster, Jr., Premed. 1, Asheville
McGinnis, Roy, Law 1, Gastonia
McGlamery, Dillard Martin, Comm. 1, Greensboro
McGlamery, Wylie Hampton, Jr., Comm. 3, Greensboro
McGlohon, Daniel Richard, Arts 4, Winton
McGraw, Frank Gibbons, Arts-Educ. 2, Aberdeen
McHargue, Raymond Lee, Arts-Educ. 4, Statesville

McIlwaine, Robert Erskine, Spec., Monroe
McInnis, Ernest Clewell, Arts 4, Clio, S. C.
McIver, Claude R., Arts-Educ. 3, Summerfield
McIver, Henry Staton, Civ. Engg. 2, Summerfield
McKay, Helen Olivia, Arts 4, Orangeburg, S. C.
McKee, Lewis Middleton, Med. 1, Durham
McKee, William Wakefield, Arts 1, Chapel Hill
MacKethan, Crawford Biggs, Comm. 3, Fayetteville
McKinne, Olivia, Arts 4, Louisburg
McKinney, Clyde Vernon, Arts-Educ. 2, Reidsville
McKinney, William M., Jr., Civ. Engg. 4, Greensboro
McKinnon, Edward Haywood, Comm. 2, Rowland
McLaughlin, Calvin Sturgis, Arts-Educ. 2, Charlotte
McLaughlin, Tad Lincoln, Sci. Phar. 2, Mercersburg, Penna.
McLawhorn, Haywood Ammonia, Arts-Educ. 2, Greenville
McLean, Edward Price, Civ. Engg. 2, Moultrie, Ga.
McLean, Hector, Law 1, Laurinburg
McLean, John Allan, Mech. Engg. 1, Charlotte
McLean, Miles Augustus, Arts 1, Lincolnton
McLean, William Britton, Comm. 1, Red Springs
McLellan, Louise Rhodes, Phar. 1, Godwin
McLennan, Dallace, Law 1, Chapel Hill
McLeod, Alpheus Hinton, Jr., Arts 1, Lumberton
McLeod, Frank Alexander, Comm. 1, Lumberton
McLeod, Mary Margaret, Sci. Med. 2, Sanford
McLeod, Ollen Douglass, Sci. Med. 3, Raleigh
McMichael, Jule, Arts 2, Wentworth
McMillan, Robert Lindsay, Premed. 2, Charlotte
McMinis, Walter Curtis, Comm. 2, Red Springs
McMullan, John Brackett, Law 3, Elizabeth City
McNair, James Lytch, Jr., Comm. 4, Laurinburg
McNairy, James David, Jr., Arts 2, Greensboro
McNeely, Samuel Stevenson, Jr., Comm. 3, Charlotte
McNeill, Arthur Dennis, Phar. 3, Fair Bluff
McNeill, Edward Alexander, Arts 3, Jefferson
McNeill, John Duncan, Comm. 1, Raeford
McNeill, Lenwood Johnson, Phar. 1, Fair Bluff
McPherson, Garland, Arts 4, High Point
McPherson, William Primrose, Elec. Engg. 3, Raleigh
McRacken, Angus Raymond, Arts-Educ. 4, Shannon
MacRae, Cameron Farquhar, Sci. Med. 3, Richmond, Va.
Macon, Walter Clyde, Arts-Educ. 1, Seagrove
Madison, Fleet Buel, Premed. 1, Olin
Madison, Ray P., Jr., Arts-Educ. 1, Hamptonville
Madry, Claudius Jarratte, Arts 2, Scotland Neck
Madry, James David, Comm. 2, Scotland Neck
Magner, James Edward, Law 3, Philadelphia, Penna.

Malone, Wex Smathers, Law 2, Asheville
A.B., 1928.
Manbeck, Willard Orlan, Comm. 2, Cleveland Hts., O.
Mangum, Charles Staples, Jr., Law 3, Chapel Hill
A.B., 1927.
Mangum, Edith Hooper, Arts-Educ. 3, Lexington
Manheim, Frank Joseph, Arts 1, New York, N. Y.
Mann, Arthur Seldon, Jr., Premed. 2, Elizabeth City
Mann, Clarence Strader, Comm. 2, Greensboro
Mann, Edward Bonner, Comm. 1, Middletown
Mann, Edward Spencer, Comm. 2, Lake Landing
Manning, Edwin Haus, Arts-Educ. 2, Jamesville
Manning, Henry Stancill, Comm. 2, Williamston
Manning, Isaac Hall, Jr., Arts 2, Chapel Hill
Manning, John Taylor, Arts 1, Chapel Hill
Margolis, Jacob Hirsch, Mech. Engg. 1, Brooklyn, N. Y.
Margulies, Irving Miles, Arts 1, Raleigh
Markham, William Sater, Jr., Arts 1, Durham
Marland, Kenneth Milton, Comm. 2, Oak Park, Ill.
Marley, Willard McCoy, Arts 2, Goshen
Marpet, Arthur Robert, Arts 3, Yonkers, N. Y.
Marsh, Steve Parker, Sci. Geol. 2, Marshville
Marshall, Alan Ashworth, Arts 3, Wilmington
Marshall, Robert Dewey, Arts-Educ. 4, Granite Falls
Marshall, Richard William, Comm. 2, High Point
Marshall, Thomas Edmunds, Jr., Comm. 2, Rocky Mount
Marshall, William Leak, Jr., Law 1, Wadesboro
Martin, Albert Hugh, Arts 2, Monongah, W. Va.
Martin, Russell Theodore, Comm. 1, Walkertown
Martindale, Howard Storey, Comm. 1, San Antonio, Tex.
Marvel, Emery, Comm. 1, Asheville
Marvin, James Robert, Elec. Engg. 1, Charlotte
Mashburn, Thomas Marvin, Jr., Arts 1, Salisbury
Mason, Clarence Herbert, Arts-Educ. 4, Newport
Mason, Robert Henry, Arts 1, Mebane
Mason, Walter LaFayette, Arts-Educ. 2, Mebane
Massengill, William Walton, Sci. Phar. 1, Four Oaks
Massey, Otho Ralph Drummond, Arts 2, Alderson, W. Va.
Matthews, Charles Odell, Arts-Educ. 3, Kernersville
Matthews, Millender Maxwell, Chem. Engg. 2, Asheville
Mattocks, Philip Ward, Sci. Geol. 3, Gillett
Mattocks, Theodore Coleman, Arts-Educ. 1, Gillett
Maulden, Paul Ranzo, Med. 2, Kannapolis
B.S., Davidson Col., 1928.
Mauney, Clyde David, Comm. 3, Cherryville
Maus, James Reginald, Arts 3, Greensboro
Maxwell, William Hampton, Arts 3, Granite Hill, Ga.

Maybank, Theodore, Comm. 1,	Charleston, S. C.
Maynor, Henry, Arts 3,	Monroe
Meacham, Hasel LeRoy, Comm. 1,	Statesville
Meads, Glenwood Crowder, Law 3,	Weeksville
Meares, Carl Whitten, Comm. 3,	Fair Bluff
Meares, Luther Anderson, Premed. 2,	Fair Bluff
Mebane, John Harrison, Arts 4,	Greensboro
Mebane, Robert Jesse, Jr., Arts 1,	Durham
Mebane, William Carter, Jr., Med. 2,	Wilmington
Medford, William Clinton, Arts-Laws 3,	Rainbow Springs
Mehaffey, John P., Comm. 2,	Newton
Melick, Anne Cambreling, Arts-Educ. 4,	Elizabeth City
Mendenhall, Edward Emerson, Jr., Comm. 4,	Greensboro
Mendenhall, Paul Alexander, Arts-Educ. 4,	Greensboro
Mercer, Albert Lewis, Arts-Educ. 4,	Beulaville
Mercer, Grady, Arts-Educ. 4,	Beulaville
Merrell, Herman Stroupe, Comm. 3,	Fairview
Merrill, Earle Edwin, Phar. 3,	Southern Pines
Merritt, Jesse Fred, Sci. Med. 1,	Greensboro
Merritt, Robert Charles, Jr., Comm. 3,	Wilmington
Merritt, William Daniel, Jr., Arts-Laws 3,	Roxboro
Merritt, William Edgar, Arts-Educ. 4,	Chapel Hill
Mewborn, John Moses, Med. 2,	Snow Hill
Mewborne, John Franklin, Arts 2,	Kinston
Meyers, Hyman, Comm. 2,	Goldsboro
Midgett, Ernest Leland, Mech. Engg. 2,	Kitty Hawk
Midgett, Lorimer Willard, Arts-Educ. 2,	Elizabeth City
Millender, Stephen Henry, Arts 2,	Asheville
Miller, Hubert Russell, Arts 2,	Middletown, Conn.
Miller, John Edward, Arts-Educ. 2,	Winston-Salem
Miller, Jasper Howell, Arts-Educ. 2,	Durham
Miller, John Marion, Sci. Med. 2,	Savannah, Ga.
Miller, Lawrence Lee, Comm. 2,	Charlotte
Miller, William Alexander, Arts 1,	North Wilkesboro
Miller, William Glenn, Elec. Engg. 1,	Chapel Hill
Millikan, Troy Wilson, Premed. 2,	Savannah, Ga.
Mills, Bonner Sutherland, Jr., Comm. 3,	Greenville, S. C.
Mills, James Benton, Arts 4,	Polkton
Mills, William Robert, Jr., Elec. Engg. 3,	Louisburg
Minsker, Benjamin Harrison, Arts 1,	Bronx, N. Y.
Mintz, Seymour, Comm. 1,	New York, N. Y.
Misenheimer, Charles Payne, Comm. 1,	Richfield
Mitcham, William Claude, Jr., Comm. 1,	Charlotte
Mitchell, Adolphus, Civ. Engg. 4,	Kinston
Mitchell, Averette Jack, Arts 2,	Fairmont
Mitchelle, Wiley Earl, Comm. 1,	Yanceyville
Mixson, Simmons Jones, Arts 1,	Summerville, S. C.

Mobley, Claude Wilson, Arts-Educ. 1, Reidsville
Mock, Charles Glenn, Premed. 2, Spencer
Mohorn, James Ray, Arts-Educ. 3, Littleton
Monroe, Albert Rother, Sci. Geol. 3, Salisbury
Montgomery, Wesley Lee, Arts-Educ. 2, Bunn
Moody, Charles Stowe, Arts 4, Charlotte
Moody, George Dougald, Arts 3, Charlotte
Moore, Albert Lynwood, Comm. 2, Scotland Neck
Moore, Beverly Cooper, Arts 3, Greensboro
Moore, Ernest Linwood, Arts 1, Fayetteville
Moore, Ernest Vic, Med. 1, Shelby
B.A., Wake Forest Col., 1924.
Moore, Fred Howard Joyner, Comm. 3, Stantonsburg
Moore, James Ashly, Civ. Engg. 4, Scotland Neck
Moore, James Edwin, Comm. 2, Wilmington
Moore, James Osborne, Jr., Arts-Laws 2, Charlotte
Moore, Lemuel Wadsworth, Comm. 3, Petersburg, Va.
Moore, Mark Braswell, Civ. Engg. 1, Whitakers
Moore, Owen Jones, Jr., Comm. 1, Scotland Neck
Moore, Reeme, Arts 3, Dallas, Tex.
Moore, Richard Henry, Civ. Engg. 4, Battleboro
Moore, Stephanie, Arts-Educ. 4, Faison
Moore, William Benjamin, Arts-Educ. 3, Reidsville
Moore, William Haywood, Arts 1, Wilmington
Moore, William Nathaniel, Phar. 1, Stokes
Moore, William Walter, Comm. 3, Rocky Mount
Moorer, Morgan Preston, Jr., Arts 1, Asheville
Mooring, Hattie Belle, Arts 3, Chapel Hill
Morgan, Gladys, Med. 2, Salisbury
A.B., Lenoir-Rhyne Col., 1925; A.M., 1927.
Morgan, Roscoe Howard, Arts-Laws 3, Marshville
Morgan, William Brewer, Comm. 4, Pittsboro
Morgan, Zebulon Vance, Phar. 1, Bethune, S. C.
Morisey, Jack Cornelius, Comm. 1, Clinton
Morreale, Leonard, Predent. 2, Brooklyn, N. Y.
Morris, Joseph Falls, Sci. Med. 2, Charlotte
Morrisette, Edna Eloise, Arts 3, Elizabeth City
Morrison, James Salen, Comm. 2, Baltimore, Md.
Morrison, Matthew Stuart, Jr., Chem. Engg. 1, Wilson
Morse, Samuel Gale, Law 1, Asheville
Moseley, Herbert Everett, Arts 2, Kinston
Moser, Bradford Franklin, Comm. 3, Waxhaw
Moser, Robert Lee, Arts-Educ. 2, Waxhaw
Moss, Frederick Morris, Phar. 1, Lowell
Mount, Alfred Alexander, Comm. 3, College Point, N. Y.
Mowery, Hartman Baxter, Comm. 1, Salisbury
Moye, James McKinney, Premed. 1, Greenville

Mullican, John Alfred, Law 3, B.S., Univ. of Penna., 1927.	Philadelphia, Penna.
Munch, Ralph Howard, Sci. Chem. 3,	Chapel Hill
Murphy, Ashley Monroe, Law 1,	Atkinson
Murphy, George Stevens, Comm. 1,	Westfield, N. J.
Murphy, John Raymond, Sci. Chem. 4,	Laurinburg
Murphy, Robert Long, Arts 4,	Salisbury
Muse, Curtis Marley, Arts 2,	Sanford
Myers, William Turelius, Comm. 2,	Charlotte
Nahikian, Howard Movets, Arts 1,	Asheville
Napier, Charles Griffin, Arts 1,	Wilmington
Napier, William Benjamin, Arts 2,	Wilmington
Nash, Edmund Strudwick, Jr., Comm. 3,	Charleston, S. C.
Nathan, Seymour Lessen, Arts 3,	Mt. Vernon, N. Y.
Naylor, Rhotate, Arts 1,	Salemburg
Nazareno, Alfredo, Arts-Laws 2,	Manila, P. I.
Neal, William Allen, Premed. 1,	Ramseur
Neely, Edgar Adams, Jr., Arts 4,	Atlanta, Ga.
Neiman, David, Arts-Educ. 3,	Charlotte
Nettles, Herbert Robert, Sci. Med. 3,	Arden
Nelson, Herbert Andrews, Civ. Engg. 3,	Oak Park, Ill.
Neville, Ben Holland, Arts 2,	Whitakers
Newcombe, Elliott Hill, Comm. 1,	Charlotte
Newell, Ruth, Arts 4,	Scotland Neck
Newland, Howard Theodore, Jr., Comm. 1,	Pasadena, Calif.
Newlin, Locke Mebane, Arts-Educ. 3,	Graham
Newman, George Franklin, Jr., Comm. 3,	Greensboro
Newsom, Jesse Strickland, Mech. Engg. 3,	Sandersville, Ga.
Newton, Jerry Louis, Jr., Comm. 1,	Rural Hall
Nichols, Charles Irving, Predent. 1,	Medford, Mass.
Nichols, Herbert Anderson, Comm. 1,	Hickory
Nims, David Anderson, Elec. Engg. 4,	Mount Holly
Norcross, Mary Chadbourne, Arts-Educ. 3,	Smithfield
Norman, Joseph Hunter, III, Arts 2,	Raleigh
Norman, William Howard, Arts 3,	Raleigh
Norris, James Lloyd, Civ. Engg. 3,	Dunn
Northrop, Theodore McGeachy, Med. 1, B.S., Davidson Col., 1929.	St. Pauls
O'Brien, William Joseph, Jr., Elec. Engg. 1,	Durham
O'Donnell, Hubert Haywood, Comm. 2,	Raleigh
O'Neil, Frank Church, Arts 4,	Henderson
Oakes, Elton Sterling, Elec. Engg. 3,	Chapel Hill
Oberfell, Fleming Gilbert, Comm. 1,	Lynchburg, Va.
Oden, William Augustus, Arts-Educ. 1,	Washington
Oliver, Charity Crowell, Sci. Chem. 3,	Whiteville
Oliver, George Motley, Sci. Med. 3,	Yanceyville
Oliver, Robert Mitchell, Jr., Med. 1,	Dillon, S. C.

Oliver, William Bridges, Arts-Educ. 3,	Pine Level
Oliverio, Anthony, Comm. 1,	Clarksburg, W. Va.
Olmsted, Warren Fizzell, Arts 2,	Southern Pines
Orbaugh, Randolph Edwin, Mech. Engg. 1,	Gatun, Canal Zone
Outlaw, Milton, Arts-Laws 1,	Seven Springs
Overby, Durward Russell, Sci. Med. 2,	Hobgood
Overman, Charles Beatty, Chem. Engg. 3,	Washington, D. C.
Overman, Robert Sills, Arts 3,	High Point
Overstreet, Hugh, Jr., Comm. 1,	Burgaw
Owen, Barton Henry, Arts-Educ. 1,	Roseboro
Owen, Walter Festus, Comm. 3,	Roseboro
Owens, Frank Neely, Comm. 2,	Charlotte
Owens, Otto Clyde, Jr., Comm. 1,	Winter Haven, Fla.
Oxman, Bertram Sidney, Premed. 2,	New York, N. Y.
Pace, Samuel Eugene, Med. 2,	Leaksville
Pachman, Daniel Jack, Arts 3,	Brooklyn, N. Y.
Paddison, Alfred Howard, Predent. 2,	Nashville
Padgett, Philip Grouch, Sci. Med. 3,	Forest City
Page, Ruth, Arts 4,	Marietta
Palmer, Alston Twitty, Comm. 1,	Macon
Palmer, Shellie Everett, Arts-Educ. 3,	Rockwell
Palmore, Julian Ivanhoe, Jr., Civ. Engg. 4,	College Park, Md.
Paret, Rufus Story, Arts 3,	New York, N. Y.
Park, John Alsey, Jr., Arts 2,	Raleigh
Park, Milton Purcell, Comm. 3,	Greensboro
Parker, Ben Funderburk, Comm. 1,	Marshville
Parker, Bartholomew Moore, Law 1,	Raleigh
Parker, Francis Ogden, Law 3,	Goldsboro
Parker, Henry Bryce, Law 2,	Monroe
Parker, Harry Oliver, Comm. 3,	Raleigh
Parker, Josephus Derward, Jr., Arts 2,	Elm City
Parker, Joseph Eugene, Jr., Arts 1,	Four Oaks
Parker, John William, Arts-Educ. 3,	Murfreesboro
Parker, William Carey, Arts 4,	Raleigh
Parker, Willie Marvin, Arts-Educ. 1,	Garysburg
Parks, George Reid, Arts-Educ. 1,	Forest City
Parlier, Robert Lee, Arts-Educ. 3,	Kings Creek
Parrish, Roy Beckwith, Arts 3,	Selma
Parrish, Willard Lee, Jr., Comm. 2,	Rocky Mount
Parrott, Alberta, Predent. 1,	Kinston
Parrott, James Franklin, Comm. 3,	Kinston
Parsley, Henry Nutt, Comm. 1,	Wilmington
Parsley, Robert Aubrey, Mech. Engg. 3,	Wilmington
Pate, William McDonald, Mech. Engg. 1,	Raleigh
Patric, John, Arts 3,	Spencer
Patrick, Benjamin Franklin, Arts 1,	Gum Neck
Patrick, Christopher Lafayette, Comm. 1,	Ayden

Patrick, Elithe Uzzell, Spec.,	Chapel Hill
Parsons, Thomas Leake, Jr., Arts 2,	Greensboro
Patten, Paul Raymond, Comm. 4,	New Bern
Patterson, Charles Johnston, Arts 1,	Hillsboro
Patterson, Edwin Lemuel, Comm. 4,	Statesville
Patterson, Fred Greer, Jr., Arts 1,	Chapel Hill
Patterson, Henry Newton, Comm. 3,	High Point
Patterson, Walter Branch, Arts-Laws 2,	Rochester, N. Y.
Patterson, William Benton, Arts 1,	Coats
Pattisall, Richard Odell, Arts-Educ. 1,	Danville, Va.
Paulsen, Samuel Carpenter, Comm. 2,	Chapel Hill
Paxton, Branche Edwards, Comm. 3,	Brevard
Peace, Samuel Thomas, Arts 2,	Henderson
Peacock, John Gaston, Comm. 1,	Fremont
Peacock, Joseph Thomas, Civ. Engg. 1,	Fremont
Peacock, James Williams, Comm. 1,	Wilson
Peacock, Philip Nathanial, Jr., Arts 1,	Salisbury
Pearce, William Elliott, Comm. 3,	Greensboro
Pearlstine, Floyd Jacobs, Arts 2,	Charleston, S. C.
Pearson, George Wilson, Jr., Civ. Engg. 1,	Clover, S. C.
Pearson, Thomas Gilbert, Jr., Arts 2,	New York, N. Y.
Peebles, Culvert Goosley, Jr., Sci. Geol. 2,	Hubert, Ga.
Peele, James Clarendon, Sci. Med. 2,	La Grange
Peeler, Arthur Gregory, Jr., Comm. 3,	Salisbury
Peeler, Philip Michael, Chem. Engg. 1,	Charlotte
Peetz, William Ward, Comm. 1,	Winsted, Conn.
Pelton, Paul Philip, Jr., Premed. 1,	Southern Pines
Pendergraft, Gradon O'Kelly, Comm. 3,	Chapel Hill
Penland, Blanche, Arts-Educ. 3,	Hayesville
Penn, Charles Ashley, Jr., Arts-Laws 1,	Reidsville
Penn, Edrington Spencer, Comm. 2,	Reidsville
Penny, Celeste Lane, Arts-Educ., Spec.,	Raleigh
Peoples, Crosland Alaf, Premed. 1,	Rural Hall
Peres, Isaac Solomon, Comm. 1,	Gastonia
Perez, Armando Mendez, Elec. Engg. 4,	Habana, Cuba
Perkins, Alonzo Reid, Jr., Comm. 2,	Greeensboro
Perlmutter, Joseph, Premed. 2,	Astoria, L. I.
Perry, Alton Whitmon, Arts-Educ. 3,	Washington
Perry, William Alva, Chem. Engg. 4,	Chapel Hill
Person, Edgar Casper, Arts 3,	Pikeville
Peschau, John, Jr., Arts 2,	Atlanta, Ga.
Petree, Carl Lee, Mech. Engg. 4,	Winston-Salem
Petree, William Samuel, Comm. 1,	Greensboro
Petty, Alvis Brooks, Arts-Educ. 1,	Pittsboro
Petty, William Calvin, Arts 2,	Charlotte
Pfaff, Eugene Edwin, Arts-Educ. 3,	Pfafftown
Phillips, Anton Alexander, Predent. 2,	Raleigh

Phillips, Coy Tatum, Arts-Educ. 3, Winston-Salem
Phillips, Florence Loraine, Arts-Educ. 3, Fredericksburg, Va.
Phillips, Fenner Tilden, Jr., Comm. 1, Washington
Phillips, George Arthur, Jr., Chem. Engg. 1, Washington
Phillips, Jasper Edward, Phar. 1, Macclesfield
Phillips, Williams Arthur, Comm. 4, Grifton
Philpott, Benjamin Cabell, Jr., Sci. Med. 1, Lexington
Phoenix, Clarence Beall, Arts 2, Greensboro
Pickett, Aubrey Mangum, Comm. 1, Durham
Pickett, Robert Lawrence, Arts-Spec., High Point
Pierce, George Norman, II, Civ. Engg. 2, Derby, N. Y.
Piland, Newbern Earl, Arts 1, Goldsboro
Pinnix, Joseph Leak, Phar. 3, Kernersville
Pittana, John Baptist, Mech. Engg. 4, Udine, Italy
Pittman, Francis Willard, Arts-Educ. 3, Fairmont
Piver, Edward Lee, Arts-Educ. 4, Beaufort
Pleasant, John Gerald, Arts-Educ. 3, Angier
Pleasants, Clifton Edward, Comm. 3, Winston-Salem
Plumblee, Quentin Millard, Arts-Educ. 3, Mars Hill
Plumly, Lindsay Catlin, Comm. 3, Winston-Salem
Plummer, Robert Crowley, Mech. Engg. 3, Wilmington
Plummer, Robert Henry, Arts 1, Brevard
Poindexter, Harold Oscar, Jr., Comm. 1, Rural Hall
Pollard, Forrest Alfred, Law 3, Durham
A.B., 1927.
Pond, Russell Coffey, Chem. Engg. 1, New Orleans, La.
Poole, James Gregory, Arts 4, Virgilina, Va.
Poole, James Robert, Jr., Premed. 2, Lumberton
Poole, Rin Wilson, Arts 1, Pekin
Pope, Walter N., Arts-Educ. 2, Wadesboro
Poplin, Robert Lemuel, Sci. Chem. 3, Statesville
Poplin, William Roscoe, Comm. 2, Elkin
Porter, Francis Ross, Comm. 4, Monroe
Porter, Marvin Godfrey, Comm. 1, Chicod
Potter, Douglas Laten, Arts 3, West Palm Beach, Fla.
Potter, William Hollister, Arts-Educ. 3, Beaufort
Powell, Albert Vernon, Comm. 1, Henderson
Powell, Elmer Cromwell, Jr., Sci. Chem. 1, Henderson
Powell, Eppie Charles, Jr., Sci. Med. 2, Middlesex
Powell, Henry Thurman, Jr., Law 2, Henderson
A.B., 1928.
Powell, Van Richard, Arts-Educ. 4, Fair Bluff
Powell, William Curtis, Arts-Educ. 1, Danville, Va.
Powell, Woodson Lea, Jr., Arts-Educ. 1, Pittsboro
Power, Chester Eugene, Comm. 1, Blairsville, Pa.
Pratt, Joseph Hyde, Jr., Arts 1, Chapel Hill
Presberg, Moe, Arts 2, Bronx, N. Y.

Preston, John Alfred, Chem. Engg. 1, Lewisburg, W. Va.
Pretlow, Joel Cook, Comm. 2, Wilmington
Prevost, John Aaron, Comm. 3, Hazelwood
Prevost, Whitener Harris, Comm. 4, Waynesville
Price, Charles, Law 2, Salisbury
A.B., 1928.
Price, Henkel Moses, Med. 1, Hickory
Price, Mary Watkins, Arts 3, Greensboro
Price, Richard Quecella, Arts-Educ. 3, Leaksville
Prince, Benjamin Clifton, Jr., Comm. 1, Norfolk, Va.
Prince, Milton, Arts-Educ. 1, New Rochelle, N. Y.
Proctor, Ben Clayton, Jr., Elec. Engg. 1, Asheville
Proctor, David, Comm. 2, Grimesland
Proctor, Robert Huntington, Jr., Arts 3, Hollis, L. I., N. Y.
Proffit, Oliver McNeil, Arts-Educ. 3, Goshen
Propst, Walter Guy, Arts 1, Salisbury
Prouty, Frederick Morgan, Sci. Geol. 2, Chapel Hill
Purser, James Clayton, Arts-Educ. 3, Unionville
Quickel, John Cephas, Med. 2, Gastonia
Quinn, George Joseph, Civ. Engg. 3, Chapel Hill
Quinn, Robert Carl, Arts 2, Raleigh
Rabinowitz, Solomon, Sci. Med. 1, Paterson, N. J.
Race, George Lee, Arts 4, Cincinnati, Ohio
Rader, Columbus Merk, Jr., Sci. Med. 2, Collettsville
Radford, German Edgar, Comm. 1, Jackson Springs
Radnor, Jess Covington, Law 3, Lincolnton
Ramsay, Alex West, Premed. 1, Newport News, Va.
Ramsay, Kerr Craige, Arts 3, Salisbury
Ramsaur, Jackson Townsend, Med. 1, Kings Mountain
A.B., Duke Univ., 1929.
Rand, Marshall Dunstan, Arts 3, Garner
Randell, Ralph Livingstone, Arts 2, Jamestown, N. Y.
Raney, Thomas Hansard, Jr., Arts-Educ. 4, Chapel Hill
Rankin, Blair Jenkins, Arts-Educ. 1, Ellerbe
Rankin, Fred Cathey, Civ. Engg. 4, McAdenville
Raper, John Robert, Arts 1, Welcome
Ratcliffe, Thomas Edward, Jr., Arts-Educ. 1, Durham
Rawles, Thomas Carlyle, Arts-Educ. 2, Kinston
Rawls, Cyrus Franklin, Sci. Geol. 3, Catherine Lake
Ray, Frederick, Jr., Phar. 1, Sanford
Ray, Joseph King, Arts 3, Leaksville
Ray, Lyda Brownlow, Arts-Educ. 3, Micaville
Ray, Robert Lee, Jr., Arts-Educ. 2, Johnston
Raymer, Dewey Little, Comm. 2, Statesville
Rea, John Wren, Sci. Med. 3, Matthews
Rea, Thomas Edward, Jr., Comm. 1, Charlotte
Reaves, Leonard Erastus, Jr., Phar. 3, Raeford

Reavis, Charles William, Sci. Med. 2, Raleigh
Rector, Thomas Beatty, Law 1, Asheville
Redding, John Charles, Comm. 4, Trinity
Redding, Thomas Henry, Comm. 2, Asheboro
Redding, Robert Louis, Arts 2, Orlando, Fla.
Redding, Thomas Stanley, Comm. 1, Asheboro
Redfern, Bobbie, Arts-Educ. 1, Peachland
Redfern, Charles Maurice, Arts 4, Monroe
Redfern, Robert Alfred, Phar. 1, Lillington
Reed, Elizabeth Gatewood, Arts 3, Beaumont, Texas
Reed, Mary Adelaide, Arts 3, Beaumont, Texas
Reeves, Robert, Arts 3, Cincinnati, Ohio
Reid, Garrison, Comm. 1, Winston-Salem
Reid, Ralph Connor, Arts-Educ. 4, Charlotte
Reid, William Gordon, Comm. 2, Charlotte
Reitzel, Claude Everette, Jr., Law 2, High Point
A.B., 1926.
Remsen, Crawford O'Neal, Arts 2, Chapel Hill
Renegar, Gilbert James, Sci. Med. 1, Aberdeen
Renfrow, Pelham Powell, Comm. 2, Fair Bluff
Renn, Claude Allen, Arts-Educ. 1, Oxford
Reynolds, Arthur Eugene, Jr., Civ. Engg. 3, Salisbury
Reynolds, John William, Jr., Comm. 1, Albany, Ga.
Reynolds, Troxell Crawford, Arts 4, Chapel Hill
Rhett, Albert Moore, Arts 3, Charleston, S. C.
Rhinehart, Charles Floyd, Comm. 3, Canton
Rhodes, Charles Reginald, Jr., Phar. 1, Hamlet
Rhodes, Paul Heilig, Arts 2, Albemarle
Rhyne, Alfred Leonard, Arts-Educ. 1, Gastonia
Rhyne, William Lawrence, Arts-Educ. 4, Bessemer City
Rice, Isadore, Arts 1, Boston, Mass.
Richardson, Lee, Chem. Engg. 1, Atlanta, Ga.
Riddick, Thomas Moore, Civ. Engg. 3, Gatesville
Riddle, Robert Benjamin, II, Arts 1, Gastonia
Ridenhour, William Bevil, Arts 1, Greensboro
Riggs, Lewis Sidney, Comm. 1, Mebane
Riggsbee, Mary Louise, Arts-Educ. 4, Carrboro
Riley, Jack Robert, Arts 1, Dunn
Ring, Louis Jefferson, Med. 2, Mt. Olive
A.B., 1928.
Ritchie, Barron Lloyd, Comm. 2, Statesville
Ritchie, Howard Raymond, Comm. 1, High Point
Ritten, George John, Arts-Educ. 3, Appleton, Wis.
Rives, Charles May, Jr., Comm. 1, Greensboro
Roach, Benjamin Browning, Arts 2, Whiteville
Roach, George Harold, Comm. 3, Greensboro
Roach, Robert Lee, Arts-Educ. 1, Hillsboro

Roane, Henry, Law 2, Winston-Salem
Robbins, Joseph C., Arts 1, Jamestown
Roberts, Carrollton Arthur, Law, Spec., Geneva, N. Y.
Roberts, Clyde Morris, Arts-Educ. 3, Marshall
Roberts, Descum Bunton, Premed. 2, Utica, N. Y.
Roberts, Hilliard Rudolph, Comm. 2, Wendell
Roberts, Roy John, Arts-Educ. 2, Landis
Roberts, Victor Watson, Arts-Educ. 3, Lenoir
Roberts, William Gudger, Arts 1, Marshall
Robertson, Ashby Coleman, Elec. Engg. 3, Burlington
Robertson, James Mebane, Med. 2, Charles
A.B. in Educ., 1929.
Robey, Wesley Marvin, Jr., Mech. Engg. 1, Charlotte
Robinson, Carlton, Phar. 1, Atlantic
Robinson, Entis Tilden, Comm. 1, Wrightsville Beach
Robinson, Harvey Leigh, Comm. 2, Weaverville
Robinson, William Ashby, Jr., Premed. 1, Old Fort
Robinson, Warrick Dudley, Arts 2, LaGrange, Ill.
Rockwell, Harry, Law 3, Greensboro
Rodwell, W. Pryor, Jr., Comm. 2, Macon
Rogers, Mrs. Bertha May, Arts 4, Timberlake
Rogers, Carroll Pickens, Jr., Comm. 1, Tryon
Rogers, Charles Thomas, Jr., Premed. 2, Newport
Roland, Parker, Law 2, Clifton
Rollins, Charles Dick, Sci. Med. 2, Henderson
Rollins, Vance Benton, Med. 2, Henderson
S.B. in Chem., 1925.
Rose, Augustus Steele, Med. 2, Chapel Hill
Rose, Charles Grandison, Jr., Arts 1, Fayetteville
Rose, Walter Thomas, Arts 2, Wadesboro
Roseman, John Melza Sitton, Arts-Educ. 1, Lincolnton
Rosemond, George Parrott, Sci. Med. 3, Kinston
Rosenblatt, Abraham, Sci. Med. 3, Brooklyn, N. Y.
Rosenfeld, Martin Ainsworth, Predent. 2, Rockaway Park, L. I.
Ross, Joe Dewese, Jr., Comm. 2, Asheboro
Ross, Jamie Hassell, Comm. 3, Ayden
Ross, Laurence Wilson, Arts-Educ. 1, Canton
Ross, Maxie Lee, Arts-Educ. 2, Vineland
Rosser, Thomas Robert, Arts-Educ. 2, Jonesboro
Roth, William Lowe, Comm. 1, Scarsdale, N. Y.
Rouse, Charles Francis, Law 3, Kinston
A.B., 1927.
Rouse, Louis Livingston, Sci. Phar. 1, Holly Springs
Rowe, Ezra Wise, Comm. 3, Leaksville
Rowell, Glenn Hatcher, Arts-Educ. 3, Matthews
Rowland, Lenton Orlando, Arts 1, Willow Springs
Royster, Chauncey Lake, Arts 3, Chapel Hill

Royster, Theodore Satterwhite, Jr., Premed. 1, Bessemer City
Rubin, Abraham, Sci. Chem. 1, New York, N. Y.
Ruble, Raymond John, Chem. Engg. 3, Chapel Hill
Ruehl, Victor Eugene, Jr., Comm. 2, Easton, Md.
Ruffin, Peter Browne, Arts 3, Wilmington
Ruffin, Thomas, Comm. 2, Winston-Salem
Rulfs, Donald Jacob, Arts-Educ. 2, Wilmington
Russell, Dallas Locke, Law 2, Hickory
A.B., Lenoir-Rhyne Col., 1927.
Rust, Carl King, Arts-Educ. 3, Bristol, Va.
Sachs, Irving Ward, Arts 2, Brooklyn, N. Y.
Sain, Fletcher Dover, Sci. Med. 2, Lawndale
Sain, Horace Lee, Law 1, Vale
Sale, Harold Shade, Arts 1, Elkin
Sale, Leland Westall, Arts 2, Asheville
Sales, John Claude, Jr., Comm. 2, Fletcher
Salley, Maynard Carrere, Arts-Mus. 1, St. Matthews, S. C.
Sample, Frank Lincoln, Jr., Arts 2, Teaneck, N. J.
Sams, Robert Lee, Comm. 2, Mars Hill
Sanders, Grover Cleveland, Jr., Arts-Educ. 2, Weldon
Sanders, George Waterhouse, Arts 4, Montclair, N. J.
Sanderson, Earlie Clifford, Arts-Educ. 2, Wallace
Sanderson, Johnnie James, Arts-Educ. 3, Wingate
Sapp, Clarence Odell, Law 3, Winston-Salem
Sapp, Roy Eugene, Comm. 1, Winston-Salem
Sartwell, Robert Thomas, Comm. 2, Indian Orchard, Mass.
Satterfield, William Robert, Jr., Comm. 2, Memphis, Tenn.
Savage, Francis Leroy, Arts-Educ. 1, Rocky Mount
Sawyer, Abbott, Comm. 1, Merritt
Sawyer, Andrew Tyer, Comm. 3, Elizabeth City
Sawyer, Claude Melnoth, Jr., Chem. Engg. 1, Winston-Salem
Saylor, Conrad, Arts-Educ. 1, Pfafftown
Sayre, Sidney William, Comm. 3, Tryon
Scales, Wallace Bryan, Arts 3, Rutherford, N. J.
Scarboro, Samuel Stuart, Civ. Engg. 1, Schoolfield, Va.
Scarborough, Asa Mark, Med. 1, Greenville, S. C.
Scarborough, Vernon Harris, Sci. Med. 1, Hoffman
Schaaf, Bernard John, Arts 2, Chapel Hill
Scheidt, Edward, Law 2, Chapel Hill
A.B., 1926.
Schenck, Michael, Jr., Arts 3, Hendersonville
Schenck, Schuyler Charles, IV, Arts 1, Ossining, N. Y.
Schneider, Jacob Ben, Arts 3, Brooklyn, N. Y.
Schnell, Herman Walker, Arts 3, Chapel Hill
Schnell, Robert Howard, Arts 2, Chapel Hill
Schultz, Gordon Louis, Comm. 2, Newark, N. J.
Schwitz, Paul Randall, Predent. 2, Hempstead, N. Y.

Scoggin, Louis Edward, Phar. 2,	Louisburg
Scott, Erwin Ralph, Sci. Geol. 3,	Cummington, Mass.
Scroggs, Frank Morrison, Comm. 2,	Statesville
Scurlock, James Paul, Civ. Engg. 4,	Greensboro
Sears, Charles Bion, Phar. 3,	Whiteville
Seawell, Ashley Flowers, Arts 3,	Sanford
Seawell, Donald Ray, Arts 1,	Sanford
Seawell, Malcolm Buie, Arts 3,	Sanford
Sechler, Noocker Alexander, Arts-Educ. 2,	Landis
Selby, William Elledge, Arts 2,	Winston-Salem
Seligson, Elias Norman, Comm. 1,	Floral Park, N. Y.
Sellers, Robert Cameron, Arts, Spec.,	Wilmington
Setzer, Alex Lee, Arts 1,	Franklin
Sewell, Cecil Whitaker, Elec. Engg. 1,	Beaufort
Sewell, Dillard McCready, Comm. 1,	Charlotte
Seymour, James Percy, Jr., Arts-Educ. 3,	Sanford
Shachtman, Joseph Morris, Sci. Med. 2,	Greensboro
Shaffner, Emil Nathaniel, Arts 3,	Winston-Salem
Shannon, Charles John, Law 1,	Camden, S. C.
Shaner, Harry Linden, Arts 3,	Winston-Salem
Shapiro, Sidney Irving, Comm. 2,	Spartanburg, S. C.
Sharkey, James Patrick, Comm. 1,	Quincey, Mass.
Sharpe, Paul Lucas, Elec. Engg. 2,	Taylorsville
Sharpe, William David Pope, Jr., Law 3,	Wilson
Shaw, Joseph Tate, Arts 4,	Mars Hill
Shedd, William Blake, Arts 2,	Leonia, N. J.
Sheets, William Glen, Comm. 3,	Winston-Salem
Sheffield, James Harold, Comm. 3,	Canton
Shelton, John Craig, Comm. 4,	Charlotte
Shelton, Oliver Hugh, Jr., Sci. Chem. 1,	Waynesville
Shelton, Thomas McKendre, Jr., Comm. 2,	Charlotte
Shelton, Wallace Augustus, Arts-Educ. 3,	Mount Airy
Shemwell, Everard Baxter, Arts 1,	Asheville
Shepard, Frank Armfield, Sci. Med. 2,	Liberty
Shepherd, William Vass, Arts 1,	Raleigh
Sher, Philip, Arts-Educ. 3,	Durham
Sheram, George Lucius, Jr., Arts 3,	Columbus, Ga.
Sherfesee, Louis, Jr., Arts 2,	Greenville, S. C.
Sherrill, James Andrew, Premed. 1,	Catawba
Sherrill, John Little, Elec. Engg. 2,	Fletcher
Sherrill, Junius Phelps, Comm. 2,	Charlotte
Sherrill, William Aaron, Comm. 3,	Granite Falls
Sherwood, James Emory, Elec. Engg. 4,	Greensboro
Shevick, Burke Bernard, Predent. 2,	Winston-Salem
Shields, James Duncan, Arts-Educ. 2,	Carthage
Shinn, George Clyde, Med. 1,	Georgeville
Shirlen, James Ray, Comm. 3,	Swannanoa

Shlefstein, Israel Harry Lish, Sci. Med. 1, Asheville
Shoemaker, Johnston Reid, Comm. 1, Charlotte
Shohan, Judah, Arts 4, Greensboro
Shore, John Sherman, Arts-Jour. 2, Yadkinville
Shore, Roby Davis, Arts 4, Hamptonville
Shreve, Clyde Allison, Prelaw 2, Reidsville
Shuford, Adrian Lafayette, Jr., Sci. Chem. 1, Conover
Shuford, James Alexander, Jr., Comm. 1, Lincolnton
Shuford, Jacob Harrison, Jr., Premed. 1, Hickory
Shulenberger, William Arthur, Jr., Arts 2, Charlotte
Sickles, Arthur deLoss, Comm. 3, Rochester, N. Y.
Sickler, William Burkhardt, Jr., Arts 1, Salem, N. J.
Sieder, Byron Augustus, Comm. 3, So. Orange, N. J.
Sigmon, Wales Franklin, Arts-Educ. 4, Alexis
Sikes, Charles Culpepper, Arts 3, Monroe
Silver, Orvelle Kenneth, Arts 1, Marshall
Silverstein, Samuel Louis, Comm. 3, Rockingham
Simmons, Norwood Lee, Jr., Sci. Chem. 1, Washington
Simpson, Howard Holmes, Arts-Educ. 4, Roseboro
Simpson, Marcus B., Arts-Educ. 3, Unionville
Singletary, William Currie, Premed. 1, Clarkton
Sipe, Eugene Cecil, Arts-Educ. 3, Cherryville
Sisk, Robert Cecil, Phar. 3, Bryson City
Sisk, Wilfred Nixon, Arts 3, Raleigh
Sitterson, Joseph Carlyle, Arts 2, Kinston
Skeen, Leon Brown, Sci. Med. 3, Biscoe
Skinner, Abie Carr, Jr., Comm. 1, Salisbury
Skinner, Charles Coston, Comm. 3, Greenville
Skinner, Jacob Edward, Elec. Engg. 4, Greenville
Skinner, James Godfrey, Comm. 2, Greenville
Skinner, Louis Cherry, Arts 1, Greenville
Skinner, William Iverson, Jr., Comm. 2, Greenville
Slack, Joseph Herman, Arts-Educ. 1, Liberty
Slater, Joseph Alvy, Elec. Engg. 1, New Bern
Slater, John Gary, Comm. 3, New Bern
Slaughter, Jess Washington, Arts-Educ. 2, Roxboro
Sloop, John David, Comm. 1, Statesville
Slusser, Frank Willard, Comm. 2, Blacksburg, Va.
Small, Harry Rochelle, Premed. 1, Mulberry, Tenn.
Smathers, Frank, Jr., Arts 2, Waynesville
Smiley, Stanley Woodard, Comm. 3, Fort Bragg
Smith, Allen Kendrick, Law 3, Raleigh
A.B., 1927.
Smith, Amaziah Parker, Sci. Chem. 1, Saulston
Smith, Budd Elmon, Arts-Educ. 3, Benson
Smith, Benjamin Hawkins, Jr., Arts-Educ. 3, Cranford, N. J.
Smith, Claude Alexander, Arts-Educ. 3, Asheboro

Smith, Connie Elizabeth, Arts-Educ. 3, Marshville
Smith, Charles Lee, Jr., Arts 4, Raleigh
Smith, Clyde Timothy, Med. 2, Pantego
Smith, Dorsey Dewey, Law 2, Laurel Hill
A.B., 1925.
Smith, David Henry, Arts-Educ. 1, White Oak
Smith, Francis Edward, Jr., Arts 3, Worchester, Mass.
Smith, Gregory Andrew, Law 2, Charlotte
Smith, Hermit Ellis, Premed. 2, Jackson Springs
Smith, John Franklin, Arts 1, Lexington
Smith, John Goodrich, Sci. Med. 2, Scotland Neck
Smith, James Harold, Mech. Engg. 1, Charlotte
Smith, James Harold, Comm. 1, Burlington
Smith, James Kenneth, Comm. 4, Chapel Hill
Smith, James Spotswood, Comm. 1, Capron, Va.
Smith, Jack Wingate, Arts 3, Wilmington
Smith, James Wickliffe, Sci. Med. 2, Fayetteville
Smith, Odell Martin, Law 1, Winston-Salem
Smith, Paul Henry, Comm. 2, Liberty
Smith, Thomas Carlisle, Jr., Law 2, Asheville
A.B., 1928.
Smith, Willie Ballance, Arts 4, Fremont
Smith, Willard Leo, Arts-Educ. 1, Magnolia
Smith, Young Merritt, Law 2, Asheville
Smoot, Marvin LeRoy, Arts 4, Fayetteville
Snell, Linwood Howard, Sci. Med. 1, Columbia
Snider, Arnold Holmes, Jr., Arts 1, Salisbury
Snider, Mattie Dell, Arts 3, Robbinsville
Snow, William Boylan, Jr., Arts 3, Asheville
Snyder, Daniel Marshall, Arts-Educ. 3, Hamlet
Snyder, Thomas Miller, Arts 3, Salisbury
Sosnik, Nestor Yale, Comm. 2, Winston-Salem
Swope, Granville Hamilton, Arts 4, Baltimore, Md.
Southard, Curtis Glenn, Sci. Med. 2, Stokesdale
Southard, Herman John, Arts-Educ. 2, Stokesdale
Southerland, Fred Jennings, Arts-Educ. 2, Willard
Southerland, William Odell, Civ. Engg. 2, Charlotte
Sowers, Neil Sharpe, Law 3, Statesville
Sowers, Philip, Comm. 3, Salisbury
Sparks, Paul Reed, Sci. Med. 3, Chapel Hill
Spaulding, Leon Adelbert, Arts 3, Athens, Pa.
Speight, William Wesley, Comm. 4, Spring Hope
Spell, James Bryan, Arts 2, Red Springs
Spigel, Julian Nathan, Sci. Med. 1, Spartanburg, S. C.
Spitzer, Lawrence Lipmann, Arts 1, Yonkers, N. Y.
Spitzer, Samuel Edward, Arts 3, Yonkers, N. Y.
Spradlin, William Henry, Arts 1, Greensboro

Sprague, William Forrest, Arts 2,	Chicago, Ill.
Sprinkle, Thomas Weaver, Law 3, A.B., Trinity Col., 1916.	Raleigh
Spruill, Frank Parker, Jr., Arts 3,	Rocky Mount
Stack, Lawrence Pinckney, Arts 4,	Wilmington
Stafford, Crook Graham, Comm. 1,	Charlotte
Stahr, Alden Joseph, Arts 2,	West Orange, N. J.
Stallings, Ernest Harrison, Comm. 3,	Enfield
Stallings, George Millard, Comm. 3,	Selma
Stallings, James Oliver, Comm. 1,	Selma
Stallings, John William, Jr., Comm. 2,	Wilson
Stallings, Luby Frederick, Comm. 3,	Selma
Stallings, William Robert, Comm. 1,	Raleigh
Stanley, Rodney Watson, Arts-Educ. 1,	McCall, S. C.
Stanley, Wade Hampton, Arts 1,	Four Oaks
Stanton, Robert Edward, Arts 4,	Elizabeth City
Staples, Ernest Williamson, Jr., Comm. 1,	Lexington
Starbuck, William Agurs, Arts 3,	Winston-Salem
Starnes, Hector Ware, Comm. 1,	Mineral Springs
Staton, Robert Harold, Arts 1,	Bethel
Steele, Annie McKay, Arts 1,	Marston
Steere, James Esek, Comm. 1,	Charlotte
Stein, Joseph Bernard, Prelaw 3,	Fayetteville
Steinreich, Otto Selick, Premed. 1,	Newark, N. J.
Sternberger, Solomon Bear, Comm. 3,	Wilmington
Stevens, Wilder Beall, Arts 2,	Grand Rapids, Mich.
Steward, Luther Corwin, Jr., Comm. 3,	Washington, D. C.
Stewart, John Henry, Arts-Educ. 3,	Greensboro
Stikeleather, James Gudger, Jr., Comm. 1,	Asheville
Still, John Taylor, Jr., Comm. 1,	Durham
Still, Rom Weathers, Arts-Educ. 1,	Winston-Salem
Stimson, Frank Phillips, Comm. 4,	Statesville
Stinson, Clyde Palmer, Arts 3,	Goldston
Stinson, Orvis Daniel, Civ. Engg. 3,	Goldston
Stinson, Thomas Wilder, Jr., Chem. Engg. 1,	Monroe
Stone, George Goodson, Sci. Med. 1,	Greensboro
Stone, George Pryor, Jr., Comm. 4,	Greensboro
Stone, Leon Girley, Comm. 4,	Greensboro
Stone, Marvin Foy, Comm. 1,	Wilmington
Stone, Robert Edwards, Med. 1,	Greensboro
Stone, Walter Henry, Arts 1,	Henderson
Stone, William Julian, Comm. 4,	Thomasville
Stonestreet, Charles B., Arts, Spec.,	Winston-Salem
Story, Paul Jackson, Law 1,	Marion
Stoute, Raye Donald, Comm. 2,	Stony Point
Stovall, Robert Glenn, Arts-Educ. 2,	Virgilina, Va.
Stowe, Charles Pinkney, Phar. 1,	Belmont

Strawn, James Boyd, Comm. 2, Marshville
Strickland, Arthur Thomas, Jr., Med. 2, Wilson
Strickland, Bernice Edward, Comm. 2, Middlesex
Strickland, John Fletcher, Elec. Engg. 1, Dunn
Strickland, William Laurence, Arts-Educ. 2, Goldston
Strickland, William Samson, Jr., Phar. 1, Dunn
Stringfellow, William Archie, Law 1, Asheville
Strong, Jacob Hill, Jr., Arts 2, Rhinebeck, N. Y.
Strusinski, Joseph Raymond, Sci. Med. 2, Bronx, N. Y.
Stuart, Charles Kivett, Comm. 2, Jackson Springs
Stubbs, Allston Julius, Law 1, Durham
Stubbs, Clyde Alexander, Arts-Educ. 2, Fairmont
Studdert, Richard Spencer, Arts 1, Washington
Studdert, Carter Clay, Law 3, Washington
Stultz, Henry Jackson, Jr., Comm. 2, Winston-Salem
Sturm, Gordon Houston, Arts 2, Atlanta, Ga.
Sturm, Milton Stanley, Comm. 4, Atlanta, Ga.
Stutz, Malcolm Greer, Arts 4, Southern Pines
Sugg, Richard Lewis, Sci. Med. 3, Southern Pines
Sugg, William Archie, Comm. 3, Greenville
Suggs, William Wingate, Arts-Educ. 1, Chapel Hill
Sulkin, George Richard, Arts 3, Mattapau, Mass.
Sullivan, Hardy Alexander, Comm. 2, Winter Garden, Fla.
Sultan, Sigmund Newman, Law 1, New Bern
Sundgaard, Arnold, Arts 2, Gladstone, Minn.
Surprenant, Leonard Clement, Civ. Engg. 1, Springfield, Mass.
Suskin, Albert Irving, Arts-Educ. 3, New Bern
Suther, Joseph Allan, Sci. Chem. 1, Statesville
Sutton, Theodore King, Jr., Premed. 1, Candor
Sutton, Walter Gregg, Comm. 3, Fayetteville
Swain, Everette Floyd, Elec. Engg. 3, Walkertown
Swann, Thomas Franklin, Arts 1, Reidsville
Swartz, Kenneth Wagner, Law 2, Dunmore, Pa.
Tabb, William Shields, Comm. 3, Wilmington
Taber, Wayne Morris, Comm. 2, Park Rapids, Minn.
Talley, John Tucker, Comm. 3, New Hill
Tart, Grady Gordon, Jr., Arts-Educ. 1, Newton Grove
Talmadge, Harry Erwin, Med. 1, Athens, Ga.
A.B., Univ. of Ga., 1928.
Tatum, Charles Carson, Comm. 2, Salisbury
Tausend, Milton Edwin, Premed. 4, New York, N. Y.
Taylor, Amos Hill, Sci. Med. 2, Bell Buckle, Tenn.
Taylor, Charles Edward, Arts 2, Newburgh, N. Y.
Taylor, Charles Winfield, Arts 4, Rocky Mount
Taylor, Edward Fort, Law 3, Oxford
Taylor, Francis Marion, Jr., Arts-Educ. 4, Enfield
Taylor, Gilbert Smith, Arts 2, Valle Crucis

Taylor, Herbert Hamilton, Jr., Arts 2, Tarboro
Taylor, Huber Topping, Arts-Laws 3, Como
Taylor, Julien Knox, Jr., Comm. 1, Wilmington
Taylor, James Young, Comm. 2, Morganton
Taylor, Seiss Nickels, Arts 1, Franklin Springs, Ga.
Taylor, Thomas Jefferson, Sci. Med. 3, Enfield
Taylor, Thomas Russell, Jr., Chem. Engg. 1, Asheville
Taylor, Will Robinson, Jr., Comm. 2, Wilmington
Taylor, William Woodruff, Arts 2, Warrenton
Teachey, James Clifton, Jr., Comm. 2, Greensboro
Teachey, William Roosevelt, Arts 1, Brevard
Teer, Thomas Walter, Arts-Mus. 2, Durham
Teitelbaum, Harold Henry, Sci. Med. 2, Jersey City, N. J.
Temple, Rufus Henry, Phar. 2, Kinston
Thacker, Martha Louise, Spec., Greensboro
Thomas, Agnostis John, Mech. Engg. 2, Durham
Thomas, Amos Lee, Arts-Educ. 4, Marshville
Thomas, David Elzaan, Law 1, Greensboro
A.B., 1927.
Thomas, Edward Frank, Chem. Engg. 3, Bainbridge, Ga.
Thomas, Fred Amick, Comm. 3, Ramseur
Thomas, Fred Chalmers, Comm. 3, Siler City
Thomas, Francis Edgar, Arts-Educ. 1, Wadesboro
Thomas, George Washington, Jr., Arts 2, Roxboro
Thomas, Henry Carrison, Sci. Chem. 3, Charleston
Thomas, Herbert North, Comm. 1, Winston-Salem
Thomas, James Louis, Arts 2, Roxboro
Thomas, John Lewis, Comm. 3, Reidsville
Thomas, Marion Bruce, Arts 3, Talladega, Ala.
Thomas, Phillip Langston, Phar. 2, Erwin
Thomas, William Grady, Arts 1, Rockingham
Thomasson, Glenn Lafayette, Arts-Educ. 1, Bryson City
Thompson, Charles Page, Phar. 1, Swepsonville
Thompson, George Dewey, Elec. Engg. 3, Goldsboro
Thompson, George Ward, Comm. 2, Elizabeth City
Thompson, Jack, Comm. 1, Winston-Salem
Thompson, James Boylan, Comm. 1, Raleigh
Thompson, Kirby Dew, Comm. 4, Richlands
Thompson, Kern Lee, Jr., Arts-Jour. 1, Burlington
Thompson, Loy Durant, Jr., Arts 4, Greensboro
Thompson, Matt Lee, Law 1, Aurora
S.B. in Comm., 1925.
Thompson, Neill Archie, Sci. Med. 2, Lumberton
Thompson, Paul Meredith, Comm. 1, Mt. Vernon
Thompson, William Cannon, Comm. 3, Rosemary
Thomson, William Sydnor, Arts 2, Atlanta, Ga.
Thornton, John, Sci. Med. 3, Greensboro

Thurston, Doc Jones, Jr., Elec. Engg. 3, Clayton
Tilford, Paul Potter, Arts 1, Smith's Basin, N. Y.
Tillery, Paul Allen, Jr., Comm. 2, Raleigh
Timberlake, Stephen Davis, Comm. 2, Staunton, Va.
Tinkham, Mark Felton, Arts-Educ. 2, Eure
Todd, Calvin Grier, Jr., Comm. 2, Belton, S. C.
Todd, Calvin Luther, Comm. 2, Pensacola, Fla.
Toler, Vern William, Arts-Educ. 1, Edward
Tomlinson, James Rousseau, Comm. 3, North Wilkesboro
Tomlinson, Thomas Hazel, Jr., Med. 2, Thomasville
Tomlinson, William Seebohm, Comm. 2, North Wilkesboro
Toms, Francis Rogers, Elec. Engg. 4, Petersburg, Va.
Toole, Arthur Fulkerston, Jr., Sci. Med. 2, Skyland
Torbert, James Foster, Arts-Educ. 2, Charlotte
Triess, William Adolph, Comm. 3, Nutley, N. J.
Trimble, Charles Welbert, Jr., Mech. Engg. 1, Monterey, Va.
Triplett, Homer Corbin, Arts-Educ. 2, Maple Springs
Triplett, Kenneth Davis, Elec. Engg. 2, Kerr
Trott, Graham Foard, Comm. 2, Wilmington
Trotter, William Lee, Jr., Comm. 1, Greensboro
Troutman, Margaret Louise, Arts-Educ. 3, Statesville
Trull, George Irvine, Sci. Med. 2, Elizabeth, N. J.
Tsumas, Harry Peter, Civ. Engg. 2, Statesville
Tucker, Carl Milton, Jr., Comm. 2, Pageland, S. C.
Tulloch, Laurence Everett, Elec. Engg. 4, Danville, Va.
Tunstall, Kenneth Richard, Comm. 2, Kinston
Turchiarelli, Salvatore Victor, Prelaw 2, North Tonawanda, N. Y.
Turner, Frank Kenyon, Arts-Educ. 4, Hillsboro
Turner, Hallie Francis, Comm. 2, Teacheys
Turner, James Annerton, Jr., Med. 1, Charlotte
A.B., 1929.
Turner, Lynwood Clifton, Jr., Comm. 1, Pink Hill
Turner, Samuel Monroe, Arts-Educ. 4, North Wilkesboro
Turner, Virginia Roberson, Arts 3, Weldon
Tyson, James Page, Arts 2, Mebane
Umphlet, Thomas Leonard, Sci. Med. 2, Chapel Hill
Umstead, Edwin Victor, Sci. Chem. 2, Stem
Umstead, Oscar Logan, Phar. 3, Stem
Underhill, Wingate Egerton, Civ. Engg. 4, Louisburg
Underwood, Neal Alexander, Arts 2, Sanford
Upchurch, Thaddeus Gilbert, Med. 2, Apex
Upshaw, Sage Hardin, Comm. 2, Raleigh
Urband, Abraham, Sci. Chem. 1, Winston-Salem
Urist, Harold Ezekiel, Arts 4, Flushing, N. Y.
Usher, Peter Clyde, Sci. Chem. 2, Bennettsville, S. C.
Uzzell, Francis Dubose, Arts 4, Chapel Hill
Uzzell, Thomas Albert, Jr., Law 2, Greensboro

Uzzell, William Egbert, Arts-Educ. 2, Louisburg
VanCleave, Richard Adrian, Jr., Comm. 1, Drexel Hill, Pa.
VanEchop, George Louis, Comm. 2, Charlotte
VanEvery, William Hamilton, Comm. 2, Charlotte
VanHoy, James Howard, Premed. 1, Belew Creek
Vance, Shelby William, Med. 1, Crossnore
Vanhoy, George McKinley, Arts-Educ. 1, Piney Creek
Valk, Arthur deTalma, Jr., Arts 1, Winston-Salem
Vann, Edward Mathews, Comm. 1, Rocky Mount
Vann, John Albert, Jr., Comm. 3, Rocky Mount
Vann, James Wessell, Arts-Educ. 3, Salemburg
Vass, Frank Covington, Arts 2, Mount Holly
Vaughan, Evan James, Arts-Educ. 3, Rocky Mount
Vaughan, John Southgate, Arts 3, Woodland
Vaughan, Walter Weddle, Med. 1, Elm City
A.B., 1929.
Verburg, Paul Lenord, Civ. Engg. 1, Flushing, N. Y.
Vick, George Davis, Jr., Arts 1, Selma
Vinson, Albert Samuel, Jr., Sci. Med. 1, Pikeville
Vinson, Herman, Comm. 2, Autryville
Vogler, Raymond Davis, Arts-Educ. 4, Mt. Airy
Volkman, Nathan Herzl, Arts 1, Washington, D. C.
Voss, John Hiram, Jr., Arts 2, Rural Hall
Waddell, Charles Edward, Jr., Civ. Engg. 4, Biltmore Forest
Waddill, Carey Petty, Comm. 4, Henderson
Waddill, Edmund Law, Comm. 4, Henderson
Wadsworth, John Golden, Civ. Engg. 3, Williamston
Wagner, Homer H., Arts-Educ. 3, Cycle
Walck, Claude William, Comm. 1, Plainfield, N. J.
Walford, Richard Montagu, Jr., Civ. Engg. 3, Shreveport, La.
Walker, Albert Sidney, Arts-Educ. 2, Asheboro
Walker, Erwin Goode, Comm. 1, Charlotte
Walker, E. Noel, Med. 2, Charlotte
A.B., Queens Col., 1927.
Walker, Thomas Henry, Elec. Engg. 1, Chapel Hill
Walker, Thomas Roger, Comm. 4, Greensboro
Walker, William Woodard, Comm. 1, Asheville
Wall, Edwin Craig, Comm. 2, Lilesville
Wall, Herbert Christy, Arts-Educ. 4, Sophia
Wall, John Edgar, Jr., Arts 2, Benson
Wall, James Graham, Arts-Educ. 2, Benson
Wall, Mary Louise, Comm., Spec., Twin Falls, Idaho
Wall, Roger Irving, Sci. Med. 3, Wendell
Wall, Stephen Judson, Comm. 2, Clayton
Wall, William Rae, Arts-Educ. 3, Tobaccoville
Wall, William Stanley, Med. 1, Enfield
A.B., 1929.

Wall, William Steele, Arts-Educ. 1, Wadesboro
Wallace, Laurence Henry, Law 3, Smithfield
Walston, Frank Leslie, Arts 4, Walstonburg
Walters, Charles, Premed. 1, Steubenville, Ohio
Walters, John Daniel, Prelaw 2, Oxford
Wandeck, William Roy, Med. 1, Chapel Hill
Wanderman, Irvin Leo, Arts 1, Bronx, N. Y.
Ward, Alvin Trotman, Law 2, Lake Junaluska
Ward, Bernard Rudolph, Sci. Phar. 3, Fairmont
Ward, David Jackson, Arts 4, Weldon
Ward, Dean Augustus, Arts-Educ. 2, Zirconia
Ward, Horace Griffin, Arts 3, Rose Hill
Ward, James Keefe, Arts-Educ. 3, Hendersonville
Ward, Jessie Speight, Sci. Med. 1, Chapel Hill
Ward, Joseph Tyson, Arts-Educ. 4, Chapel Hill
Ward, Needham Edgar, Jr., Med. 2, Chapel Hill
Ward, Sidney Alfred, Jr., Arts 1, Plymouth
Ward, Sarah Elizabeth, Arts-Educ. 3, Conway, S. C.
Ward, Vernon Albert, Jr., Arts 1, Robersonville
Wardlaw, Charles Digby, Jr., Arts 2, Plainfield, N. J.
Wardlaw, Fred Colman, Comm. 2, Plainfield, N. J.
Wardlaw, John Waller, Comm. 3, Plainfield, N. J.
Ware, George Hunter, Jr., Elec. Engg. 1, Richmond, Va.
Warlick, Glenard Lee, Sci. Chem. 1, Lawndale
Warren, John McCullen, Arts 3, Durham
Warren, Ostelle Alvin, Law 2, Gastonia
Warren, Reginald Thomas, Civ. Engg. 1, Roxboro
Warshauer, Samuel Edward, Arts 1, Wilmington
Wasserman, Jesse Lloyd, Comm. 1, Far Rockaway, N. Y.
Waterhouse, George, Arts 2, Beaufort, S. C.
Watkins, Alston Stoddard, Comm. 3, Durham
Watkins, Joseph Paxton, Jr., Comm. 2, Charlotte
Watkins, Thomas Brown, Jour., Spec., Charlotte
Watkins, Thomas Henry, Arts 1, Jackson, Miss.
Watson, Leon Elwood, Premed. 1, Washington
Watson, Thomas Speight, Sci. Chem. 1, Rocky Mount
Waugh, Donald Byers, Sci. Med. 2, Pelham, N. Y.
Way, Samuel Eason, Med. 1, Beaufort
A.B. in Educ., 1929.
Waynick, Robert Parker, Law, Spec., High Point
Weathers, John Seabron, Arts-Educ. 3, Ocala, Fla.
Weaver, George Baucom, Arts-Jour. 1, Raeford
Weaver, Ida Vivian, Sci. Med. 2, Chapel Hill
Weaver, John Alton, Phar. 2, Olin
Weaver, James Ralph, Jr., Arts-Educ. 2, Chapel Hill
Webb, Alexander, Jr., Arts 1, Raleigh
Webb, Eugene Lee, Jr., Comm. 1, Thomasville

Webb, Henry Bond, Arts 3, Hillsboro
Webb, Mandeville Alexander, Arts 2, Asheville
Webb, Roy Benjamin, Comm. 2, Stantonsburg
Webb, Robert Hoke, Arts 3, Raleigh
Webb, Thomas Norfleet, Arts 2, Hillsboro
Webster, James William, Arts-Educ. 4, Leaksville
Weeks, Clarence Johnson, Arts 3, Whitaker
Weeks, Cameron Sinclair, Arts 1, Tarboro
Weeks, George Lafayette, Premed. 2, Rocky Mount
Weeks, Orin Haywood, Arts 2, Swansboro
Weeks, Tom White, Comm. 2, Elizabeth City
Weil, Lionel Solomon, Comm. 2, Goldsboro
Weil, Paul Gregory, Med. 1, Niagara Falls, N. Y.
A.B., 1929.
Weiland, Henry Jacob, Jr., Sci. Chem. 1, Greensboro
Weinberg, Stanley, Arts 1, New York, N. Y.
Weinstein, Morton, Sci. Med. 1, Fairmont
Weinstein, Mayer David, Comm. 1, Reidsville
Weinstein, Raymond Lee, Sci. Med. 2, Fairmont
Weis, Gilbert Otis, Elec. Engg. 1, Toledo, Ohio
Welborn, Kermit Wayne, Comm. 2, Statesville
Welch, Robert Festus, Comm. 2, Elizabethton, Tenn.
Wells, Eugene Ernest, Comm. 4, Greenville, S. C.
Wells, John Robert, Arts-Educ. 4, Murphy
Wells, Katherine Platt, Arts 4, Laurel, Miss.
Wells, Norman Eugene, Comm. 1, Mt. Holly
Wells, Thomas Lowell, Jr., Premed. 2, Chipley, Fla.
Wescott, Chester Clyde, Arts 1, Southport
West, Charles Harden, Civ. Engg. 4, Greensboro
West, Clarence Russel, Arts 2, Blairsville, Pa.
West, George Edison, Arts-Educ. 2, Grassy Creek
West, Jesse Lee, Arts-Educ. 1, Carrboro
Westbrook, John Leonard, Arts-Educ. 1, Mount Olive
Westmoreland, Joe Robert, Med. 2, Canton
Wheary, Kermit, Arts 3, Crewe, Va.
Wheatley, James Rolen, Arts-Educ. 2, Beaufort
Wheaton, Ruth Elaine, Arts 3, Ogdensburg, N. Y.
Whedbee, Charles Harry, Arts 2, Greenville
Whichard, Claude Linden, Jr., Comm. 3, Norfolk, Va.
Whichard, Willis Guilford, Arts-Educ. 3, Stokes
Whisnant, Howard Preston, Arts-Educ. 3, Belmont
Whisnant, Wade Durant, Arts-Educ. 2, Hickory
Whitaker, James Allen, Med. 1, Zebulon
Whitaker, Rudolph Carlyle, Comm. 4, Oak Ridge
Whitaker, Roy Gilbert, Arts-Educ. 3, Chapel Hill
Whitaker, Richard Harper, Arts 4, Oak Ridge
White, Charles Hasford, Comm. 4, Elizabethton, Tenn.

White, Chalmers Lindley, Jr., Civ. Engg. 3, Concord
White, John Sumner, Jr., Comm. 2, Waban, Mass.
White, Kenneth Thomas, Comm. 1, Louisburg
White, Rankin Jones, Civ. Engg. 3, Chapel Hill
White, Thomas Livingston, Arts-Educ. 2, Murfreesboro
White, Thomas Skinner, Jr., Comm. 1, Hertford
White, William Burton, Elec. Engg. 4, Townsville
White, Waverly Fred, Jr., Sci. Med. 1, Enfield
White, William Luther, Arts 1, Raleigh
Whitehead, Burgess Urquhart, Arts 3, Woodville
Whitehead, Lewis Williard, Sci. Med. 1, Woodville
Whiteheart, Gary Lee, Comm. 1, Greensboro
Whitehurst, James G., Arts 1, Beaufort
Whiteley, Iley Chester, Sci. Med. 3, Morganton
Whitener, Robert Vance, Elec. Engg. 3, High Point
Whitfield, Robert B., Premed. 1, Seven Springs
Whitley, Dowd Philip, Sci. Med. 3, Monroe
Whitley, James Lucius, Comm. 3, Enfield
Whitmore, Thomas Cooper, Arts 3, Brevard
Whitsett, William Thornton, Jr., Arts-Educ. 2, Whitsett
Whitten, Gyon Eugene, Comm. 4, Marion
Whittenton, William Ransom, Arts-Educ. 2, Benson
Whittington, Ernest Marvin, Comm. 2, Greensboro
Whittington, Robert Jerome, Jr., Comm. 2, Greensboro
Whitton, Beaumert, Civ. Engg. 2, Charlotte
Widenhouse, Joe Woodrow, Comm. 1, Concord
Wiggins, Noland Elvin, Comm. 2, Dudley
Wilburn, Thomas Graham, Comm. 2, Lillington
Wilcox, George Sampson, Arts-Educ. 3, Newport
Wilder, Joseph Fletcher, Phar. 1, Clayton
Wilder, Lynn, Jr., Comm.-Law 2, Raleigh
Wiley, Samuel Richardson, Comm. 4, Greensboro
Wilkerson, Robert Jennings, Comm. 3, Roxboro
Wilkins, Elmer Vernon, Comm. 1, Smithfield
Wilkins, Joe Monroe, Comm. 1, Sanford
Wilkins, Robert Wallace, Med. 1, Greensboro
A.B., 1928.
Wilkinson, Harold Hunter, Arts 1, Newnan, Ga.
Wilkinson, John Archbell, Arts 2, Pantego
Wilkinson, William Edgar, Med. 2, Ridgeville
B.S., Davidson Col., 1928.
Willey, Harry Swain, Jr., Predent. 1, Arlington, N. J.
Williams, Abraham Saul, Premed. 1, College Point, N. Y.
Williams, Buxton Barker, Jr., Arts 1, Warrenton
Williams, Charles Frederick, Arts 4, Raleigh
Williams, Carl Calvin, Arts-Mus. 1, Raleigh
Williams, James Allen, Law 2, Hendersonville
A.B., 1928.

Williams, Joseph Carlyle, Arts-Educ. 3,	Linden
Williams, James Russell, Jr., Arts 1,	Pinopolis, S. C.
Williams, John Sharpe, Comm. 2,	Lewisville
Williams, John Watkins, Jr., Sci. Med. 1,	Washington
Williams, Lena Mae, Arts 4,	Chapel Hill
Williams, Ruth Ellen, Arts-Educ. 3,	Morven
Williams, Simeon Worth, Arts-Educ. 1,	Shiloh
Williamson, Colie Vernon, Arts-Educ. 4,	Hobucken
Williamson, Osmond Grady, Arts 1,	Hobucken
Williford, John Robert, Arts 1,	Aulander
Willis, Emmett Clive, Jr., Arts 1,	Southmont
Willis, Meade Homer, Jr., Arts 3,	Winston-Salem
Wilson, Bonny Columbus, Arts-Educ. 4,	Glenville
Wilson, Frank, Jr., Med. 2,	Greenville
Wilson, Frank Jonathan, Mech. Engg. 2,	Acme
Wilson, George Wood, Jr., Arts 1,	Gastonia
Wilson, Hugh McLean, Arts 1,	Haverford, Pa.
Wilson, Janet Hilliard, Arts 4,	Morristown, N. J.
Wilson, Kenneth Stauber, Arts 2,	Asheville
Wilson, Melford Alonzo, Sci. Med. 2,	Kinston
Wilson, Mewborn Braxton, Arts 2,	Dover
Wilson, Marvin Pickard, Law 2,	Chapel Hill
Wilson, Willis Alexander, Jr., Comm. 4,	Dover
Wilson, Walter Howard, Arts 1,	Greenville
Wilson, William Thomas, Jr., Arts 2,	Winston-Salem
Wily, John Fleming, Jr., Arts 4,	Durham
Wimbish, Paul Cunningham, Comm. 3,	Greensboro
Winborne, Richard, Jr., Med. 1,	Norfolk, Va.
Winecoff, George Caldwell, Jr., Comm. 4,	Chapel Hill
Winecoff, George Miller, Civ. Engg. 1,	Albemarle
Winig, Benjamin, Sci. Med. 1,	Waterbury, Conn.
Winslow, Park McMaster, Arts 1,	New York, N. Y.
Winstead, Champ, Arts 4,	Roxboro
Winstead, Carl Coltrane, Comm. 1,	Roxboro
Winstead, Jordan David, Jr., Comm. 1,	Rocky Mount
Winstead, Sam Byrd, Arts 2,	Roxboro
Winston, George Tayloe, Civ. Engg. 3,	Chapel Hill
Wiseman, James Edgar, Premed. 4,	Reidsville
Withers, Mary Laurens, Arts-Educ. 3,	Raleigh
Withers, William Alphonso, Arts 2,	Raleigh
Withrow, Emmett James, Arts 1,	Forest City
Witkin, Benjamin, Comm. 1,	Norwich, Conn.
Wolf, Morris, Arts 3,	Brooklyn, N. Y.
Wood, Donald Leigh, Arts-Educ. 4,	Kinston
Wood, Edward Jenner, Arts 3,	Wilmington
Wood, Henry, III, Arts 1,	Asheville
Wood, James Milton, Arts, Spec.,	Pomona, Calif.

Wood, Worth Douglas, Sci. Med. 1,	High Point
Woodall, Marshall Franklin, Comm. 4,	Benson
Woodard, Barney Lelon, Med. 1,	Kenly
Woodard, Erwin Carlyle, Arts-Educ. 4,	Princeton
Woodard, Locke Craig, Arts-Educ. 1,	Bryson City
Woodard, Marvin Erastus, Comm. 3,	Goldsboro
Woodard, Norwood Burnice, Arts-Educ. 2,	Kenly
Woodard, Wayne Owen, Arts-Educ. 3,	Bryson
Woodard, William Thomas, Comm. 4,	Kenly
Woodley, Buick Wade, Comm. 2,	Ellerbe
Woodson, Horatio Nelson, Law 1, A.B., 1929.	Salisbury
Woodward, Charles Knowlton, Comm. 2,	Greenville
Wooten, Robin Nathaniel, Arts-Educ. 4,	Olin
Wornom, Alex. Hudgins, Sci. Geol. 1,	Dare, Va.
Worrall, Tom McVickar, Arts 1,	Asheville
Worsley, Guilford Carson, Elec. Engg. 1,	Rocky Mount
Worth, Hal Venable, Jr., Comm. 3,	Raleigh
Worth, Thomas Clarkson, Arts 1,	Raleigh
Wortman, William Jerome, Elec. Engg. 4,	Morganton
Wrenn, Creighton, Arts 4,	Garner
Wright, Auburn Leslie, Arts-Educ. 3,	Carrboro
Wright, John Fennell, Comm. 1,	Ingold
Wright, Joseph Mills, Law 2, A.B. in Educ., 1927.	Shelby
Wright, Kenneth Osgood, Comm. 1,	Peabody, Mass.
Wright, Lenoir Chambers, Arts 1,	Charlotte
Wright, Thomas Hasell, Jr., Premed. 1,	Charlotte
Wyche, Ernest Hughes, Sci. Chem. 3,	Guilford College
Wyrick, Charles Lloyd, Arts-Educ. 3,	Greensboro
Yancey, Samuel Motz, Arts 2,	Marion
Yarborough, Edward Foster, Arts 2,	Louisburg
Yarborough, Kemp Plummer, Arts 1,	Louisburg
Yarborough, Richard Fenner, Arts-Law 1,	Louisburg
Yarborough, William Henry, Jr., Arts 3,	Louisburg
Yeargan, Sherman Austin, Comm. 4,	Garner
Yeomans, Alfred Henry, Civ. Engg. 1,	Washington, D. C.
Yeomans, Edgar Dawson, Arts 3,	Washington, D. C.
Young, Grosser Matheson, Elec. Engg. 1,	Rocky Mount
Young, Jefferson Banks, Arts 1,	Raleigh
Young, Norwood Roswell, Arts 1,	Angier
Young, Osgood Jefferson, Comm. 2,	Reynolds, Ga.
Young, Wilbur Hubbell, Arts 3,	New York, N. Y.
Young, Wiley Royster, Sci. Med. 3,	Angier
Youngblood, John Otis, Arts-Educ. 4,	Fletcher
Zachary, Claude Ross, Comm. 2,	Franklin
Zaglin, Joseph Goldberg, Arts 1,	Fayetteville

Zagora, Edwin Joseph, Comm. 2, Charlotte
Zappa, Francis Vincent, Arts-Educ. 2, Baltimore, Md.
Zealy, Robert Lyles, Arts 4, Goldsboro
Zelley, Henry Noel, Elec. Engg. 1, Roselle Park, N. J.
Zibelin, Cedric Vollers, Predent. 1, Wilmington
Zovesus, Alexander John, Jr., Civ. Engg. 1, Philadelphia, Pa.
zurBurg, Henry Hermann, Arts 4, Asheville

STUDENTS IN LAW (SUMMER, 1929)

Abbott, Peyton Bryant, Winston-Salem
Alexander, Naomi, Charlotte
A.B., 1926.
Anderson, John Huske, Jr., Chapel Hill
Arnd, Maurice Jones, Pittsburgh, Penna.
A.B., Univ. of Pittsburgh, 1927.
Arnold, Eugene Hill, Morgantown, W. Va.
A.B., Davis-Elkins Col., 1911.
Bane, Henry, Durham
A.B., Duke Univ., 1927.
Barwick, Killian, Raleigh
A.B., 1928.
Bass, Nathan Roscoe, Fremont
Bell, J. Spencer, Charlotte
A.B., Duke Univ., 1927.
Benton, Mills Scott, Sunbury
A.B., Guilford Col., 1929.
Blackstock, Hal Weaver, Asheville
Braswell, Robert Russell, Rocky Mount
A.B., 1926.
Byerly, Frederick Lee, Cooleemee
S.B. in Commerce, 1928.
Castles, Ernest Benjamin, Winnsboro, S. C.
A.B., Univ. of S. C., 1925.
Chadbourn, James Herman, Wilmington
A.B., The Citadel, 1926.
Coltrane, James Elbridge, Durham
A.B., Duke Univ., 1926; A.M., *ibid.*, 1928.
Connotser, Shirley Ernest, Sevierville, Tenn.
B.A., Carson and Newman Col., 1927.
Covington, Augustus McAlister, Linden
A.B., 1929.
Crew, James Winfield, Jr., Pleasant Hill
A.B., 1928.
Curlee, Edmund Lane, Burlington
Currie, Daniel Allan, Fayetteville
B.S., Davidson Col., 1928.
Daniel, Armand Turner, Mocksville
Davis, Rowland Lucius, Jr., Cortland, N. Y.
A.B., 1929.
Devin, William Augustus, Jr., Durham
A.B., 1926.

Eaton, Oscar Benjamin, Jr., Winston-Salem
Edwards, James Glenn, Jonesboro
A.B., 1928.
Eudy, John Clinton, Cabarrus
A.B., Newberry Col., 1922.
Fahy, Leo Vincent, Rome, Ga.
B.S., Georgetown Univ.
Feild, David Meade, Hertford
Feimster, Marshall Yount, Newton
Franklin, Earl Ruffin, St. Pauls
A.B., Trinity Col., 1906; A.M., *ibid.*, 1908.
Freeman, James Newton, Dobson
A.B. in Educ., 1925.
Garrett, Glenn Terrel, Rockingham
Grady, Charles Gilbert, Four Oaks
A.B. in Educ., 1927.
Gresham, John Thomas, Jr., Warsaw
Griffin, Floyd Sampson, Chapel Hill
A.B., 1925.
Hardee, Robert Marion, Stem
Harmon, John Obie, Pittsboro
A.B., 1924.
Harrison, Peyton Randolph, Jr., Martinsburg, W. Va.
B.S. in Comm., Washington and Lee Univ., 1928.
Haworth, Byron Allen, Burlington
A.B., Guilford Col., 1928.
Hudgins, Daniel Edward, Jr., Marion
A.B., 1928.
Humphrey, Earle Ambrose, Jr., Goldsboro
S.B. in Commerce, 1927.
Jefferson, Milton Foy, Jr., Washington
Jenkins, William Sumner, Lincolnton
A.B., 1924; A.M., 1925; Ph.D., 1927.
Johnson, James Edwin, Benson
Key, Robert Glenn, Ronda
Lancaster, Lawrence Earl, Vanceboro
A.B., 1926.
Levings, George Edward, Chapel Hill
Grad., U. S. Mil. Acad., 1927.
Linn, J. Birney, Needham, Mass.
McDaniel, George Dawson, Albany, Ga.
A.B., 1927.
McGehee, George Badger, Raleigh
A.B., 1927.
McGinnis, Roy, Gastonia
MacKethan, Edwin Robeson, Jr., Fayetteville
S.B. in Commerce, 1928.
McMullan, John Brockett, Elizabeth City
McNinch, Frank Ramsay, Charlotte
Marshall, William Leak, Jr., Wadesboro
A.B., 1929.

Morgan, Ernest West, A.B. in Educ., 1928.	Winfall
Moriarty, Cornelius Joseph,	Charlotte
Mullican, John Alfred, B.S., Univ. of Penna., 1927.	Philadelphia, Penna.
Norwood, John Wilkins, Jr., A.B., 1929.	Greenville, S. C.
Palmer, William Watts,	San Antonio, Texas
Penick, Daniel Allen,	Lexington, Va.
Powell, Henry Thurman, Jr.,	Henderson
Price, Charles, A.B., 1928.	Salisbury
Ross, Thomas Whitfield, B.S., The Citadel, 1921.	Griffin, Ga.
Rayder, Samuel,	Lexington, Va.
Rouse, Charles Francis, A.B., 1927.	Kinston
Sandford, Warren Frank, Jr.,	Asheville
Sapp, Odell,	Winston-Salem
Sharpe, Avon F., A.B. in Educ., 1929.	Beulaville
Sharpe, William David Pope, Jr.,	Wilson
Smathers, Robert Hoyle, A.B., Duke Univ., 1925.	Canton
Smith, Dorsey Dewey, A.B., 1925.	Laurel Hill
Smith, James Henry, Jr.,	Griffin
Smith, Thomas Carlisle, Jr., A.B., 1928.	Asheville
Sparger, Collier Bryson, S.B. in Commerce, 1922.	Mt. Airy
Sprinkle, Thomas Weaver, A.B., Trinity Col., 1916.	Raleigh
Stony, Paul Jackson, A.B., Davidson Col.	Marion
Sutter, Norman J.,	St. Louis, Mo.
Taylor, Edward Fort,	Oxford
Thomas, Walter Lawrence,	Garnersville, Fla.
Thompson, Matt Lee, S.B. in Commerce, 1925.	Aurora
Tremain, Rawleigh Lewis, A.B., Guilford Col., 1921; A.M., 1926.	Windsor
Uzzell, Thomas Albert, Jr., A.B., 1928.	Greensboro
Venters, Carl Vernon, A.B., 1926.	Richlands
Ward, William Asbury, Jr.,	Atlanta, Ga.
Warren, Ostelle Alvin,	Gastonia
Whitley, Philip Ray,	Wendell
Younce, Adam, A.B., 1929.	Spencer

UNDERGRADUATE STUDENTS (SUMMER, 1929)

NOTE: The figure 1 after a name indicates that the student attended the first term; the figure 2 that he attended the second term; and the figures 1, 2,, that he attended both terms.

Aaron, Harold Isaac, 1, 2,	Spencer.
Abee, Edwina Florence, 2,	Tampa, Fla.
Abernethy, Clarence Marvin, 1,	Drexel.
Abernethy, Roy Franklin, 1, 2,	Hickory.
Adams, Mrs. Alice Patterson, 1,	Four Oaks.
Adams, Mary Elizabeth, 1, 2,	Coleraine.
Adams, Nelle Lazenby, 1,	Statesville.
Adams, Steve, 1,	Chapel Hill.
Adams, Mrs. William Gaston, 1,	Four Oaks.
Ader, Ruth Blair, 2,	Winston-Salem.
Aderholdt, John Carroll, 1,	Gastonia.
Adkins, Fenton Andrew, 1, 2,	Durham.
Alexander, Clara, 1, 2,	Columbia.
Alexander, Dan Webster, 1,	Columbia.
Alexander, Eunice Bayless, 2,	Montrose, Miss.
Alexander, James Moses, 1,	Derita.
Alexander, Marion Romaine, 1, 2,	Asheville.
Alford, Mrs. Annie Byers, 1,	Rock Hill, S. C.
Alford, Ella Quin, 1,	McComb, Miss.
Allen, Elizabeth Kathryn, 1,	Taylorsville.
Allen, Gertrude Frances, 1,	Taylorsville.
Allen, John William, 1, 2,	Spencer.
Allen, Lena, 1, 2,	Morganton.
Allen, Lillian Graham, 1,	Hendersonville.
Allen, Mattie Sue, 1,	Shelby.
Allen, Sarah Abbott, 2,	Winona, Minn.
Allman, Wilhelmina, 1, 2,	Mt. Pleasant.
Allred, Christine Ewing, 2,	Aberdeen.
Alphine, Robert Lee, 1, 2,	Wendell.
Alston, Bessie Lee, 1,	Henderson.
Anderson, Emma, 1, 2,	Richburg, S. C.
Anderson, Elizabeth Ellen, 1,	Laurel, Del.
Anderson, John Bascom, 1, 2,	Asheville.
Anderson, Martha James, 1,	Charlotte C. H., Va.
Andrews, Agnes, 1,	Chapel Hill.
Andrews, Buren Frost, 1,	Trinity.
Andrews, Nita, 1,	Chapel Hill.
Arant, Lucy, 1, 2 ,	Chappell, S. C.
Armfield, Irene, 1,	Mt. Airy.
Armfield, Richard Beeson, 1, 2,	High Point.
Arns, Herman Charles, Jr., 1, 2,	Bronx, N. Y.
Ashe, Flora Houze, 1,	Wadesboro.
Ashmore, Miriam Loraye, 1, 2,	Chapel Hill.
Askew, Moella, 2,	Windsor.
Askew, Ralph Hinton, 1, 2,	Warsaw.
Atwood, Tom Cowan, 2,	Ferguson, Mo.
Aunspaugh, Annie Elizabeth, 1,	Greenwood, S. C.
Austin, Edna, 1,	South Creek.
Avent, Edward White, Jr., 1,	Bynum.
Ayers, Vance Odell, 1,	Plymouth.
Backster, Mary Ruth, 2,	Winter Park, Fla.
Bagley, Mrs. Dora Blanchard, 2,	Elizabeth City.

Bailey, Janet Margaret, 1,	Gallipolio, O.
Bailey, Mrs. Loretta Carroll, 1, 2,	Chapel Hill.
Bailey, Lina Evelyn, 1,	Roxboro.
Bain, Alma Mayfield, 1,	Dunn.
Bain, Elizabeth Hughes, 1, 2,	Burlington.
Baker, Merritt Clarence, 1, 2,	Buffalo, N. Y.
Baldwin, Mrs. Annie Liles, 1, 2,	Wadesboro.
Baldwin, Jennie Myrtle, 1,	Laurens, S. C.
Ballenger, Alice Caroline, 1, 2,	Wellford, S. C.
Barber, Mary Alice, 1,	Forest City.
Barbee, Neva Flowers, 1,	Zebulon.
Bardin, Mrs. Susie Anne, 1,	Chadbourn.
Bardin, Sue Lyell, 1,	Chadbourn.
Barefoot, Delbert Ernest, 1,	Cooper.
Barefoot, Inez Annie, 1, 2,	Wilson.
Barefoot, Lexie Glenn, 1,	Four Oaks.
Barkley, M. Isabel, 1,	Charlotte.
Barlowe, Felix Russell, 1, 2,	King's Creek.
Barnes, Carrie Irene, 1, 2,	Gumberry.
Barnes, Mildred Vashti, 1, 2,	Lumberton.
Barnes, Sarah Marguerite, 1,	Lumberton.
Barnette, Catherine, 2,	Winston-Salem.
Barnhill, Mrs. Frances Elizabeth, 1, 2,	Bethel.
Barnhill, Lelia Blanche, 1, 2,	Scotland Neck.
Barnhill, Lela Brown, 1,	Everetts.
Bass, Anne Lyell, 1,	Litwalton, Va.
Bass, Hazel Roberts, 2,	Jacksonville, Fla.
Bateman, Margaret Elizabeth, 1, 2,	Roper.
Bateman, Ursula, 1,	Columbia.
Batts, Lena Harriet, 1,	Rocky Mount.
Batts, Mary Alice, 1,	Rocky Mount.
Baucom, Clifford Randall, 1, 2,	Marshville.
Baum, Alton Emmett, 1,	Fairfield.
Beal, Louise Jeroline, 1,	Gastonia.
Beaman, Johnny William, 2,	New Bern.
Beatty, Hetty, 1, 2,	Wilmington.
Beatty, Kate, 1,	Ivanhoe.
Beavers, Mrs. Lula Mae Smith, 1,	Durham.
Beckwith, Mary Speed, 1,	Washington.
Bell, Mrs. Emily Edwards, 1,	Scotland Neck.
Bell, Vida, 1,	Zebulon.
Benbow, Willow Way, 2,	Oak Ridge.
Bennett, Lamira, 1,	Spartanburg, S. C.
Bergeron, Arthur Clarence, 1,	Charlotte.
Berry, Jean Blease, 1,	Columbia, S. C.
Berry, Manie, 1,	Tupelo, Miss.
Berryhill, Ivy Elizabeth, 1,	Fort Lauderdale, Fla.
Best, Jessie, 1,	Vineland.
Best, Lucius Pener, 2,	Warsaw.
Bethea, Stephen Lewis, 2,	Lexington.
Betts, John Monie, 1,	Greensboro.
Biggers, John Thomas, 1, 2,	Matthews.
Biggs, Ollie Ann, 1,	Red Springs.
Biggs, William Archibald, Jr., 1, 2,	Rockingham.
Bingham, Mrs. W. A., 1,	Mebane.
Bivens, Kate Elizabeth, 1,	Wingate.
Bivens, Sadie Margaret, 1, 2,	Monroe.

Black, Lula Belle, 1, 2,	Mt. Holly.
Black, William Ernest, 1,	Donalds, S. C.
Blackwell, Mary Owen, 1, 2,	Alton, Va.
Blackwood, Casby Glenn, 1,	Winston-Salem.
Blair, Stanley Redding, 1, 2,	Trinity.
Blake, Alice Berleen, 1,	Hope Mills.
Blake, Roy Baxter, 2,	Chapel Hill.
Blalock, Naomi Claire, 1,	Roxboro.
Blalock, Sadie Byrd, 2,	Hurdle Mills.
Blanchard, Lottie Lee, 2,	Elizabeth City.
Blanchard, Marguerite Millender, 1,	Fuquay Springs.
Blanchard, Spencer, 1,	Turkey.
Bland, Ellen Mae, 1, 2,	Carrboro.
Bledsoe, Edwin, 1, 2,	Rural Station 1, Md.
Blount, Alma Kerr, 1,	Faison.
Blue, Mamie James, 1,	Hoffman.
Bobo, Evelyn, 1,	Roebuck, S. C.
Bobo, Evie Merrill, 1, 2,	Millport, Ala.
Bond, Sallie J., 1,	Windsor.
Boney, Eunice Juanita, 1, 2,	Rose Hill.
Booth, Rose Alma, 2,	Cary.
Borders, Frankie, 1,	Shelby.
Bordogna, Anthony Frederick, 1, 2,	Flourtown, Pa.
Borland, Mary, 1,	Hillsboro.
Bost, William Jackson, 1,	Concord.
Bostick, May Presley, 1,	Laurinburg.
Bourne, Gladys Emma, 1,	Sparta.
Bowen, Elizabeth McIver, 1,	Lillington.
Bowen, Harriet, 1,	Concord.
Boyce, Oren Douglas, 1,	Polkton.
Boyd, Jack Hardee, 1,	Greenville.
Boysworth, James Thomas, 1, 2,	Norwood.
Bradley, Anne Elizabeth, 1, 2,	Scotland Neck.
Brady, Ila Lee, 1, 2,	Smithfield.
Brake, Hallie Florine, 1, 2,	Rocky Mount.
Brannon, Luther Manius, 1,	Landrum, S. C.
Brantley, Rama, 1,	Zebulon.
Braswell, Justin Roosevelt, 1, 2,	Unionville.
Brawley, Frances Todd, 1, 2,	Statesville.
Brewer, Mary Barrett, 1,	Rocky Mount.
Brewer, Mattie Grayce, 1, 2,	Holly Springs.
Brice, Nancy Boyce, 1,	Woodward, S. C.
Bristow, Mrs. Otto, 1,	Abbeville, S. C.
Britt, Jessie, 1, 2,	Calypso.
Britt, Louise Sallie, 1, 2,	Calypso.
Britt, William Hall, 1,	Bentonville.
Britton, Meryl Ramsay, 1, 2,	Murfreesboro.
Broadus, Margaret Carlisle, 1,	Decatur, Ala.
Brock, Mrs. Josie White, 1,	Wilmington.
Brodie, Benjamin Thorpe, 1, 2,	Henderson.
Brooks, Doris Mae, 1,	Grifton.
Brooks, Hayes Allen, 1, 2,	Falcon.
Broome, Loftin Carr, 1, 2,	Monroe.
Bowder, Nat C., 1,	Hickory.
Brown, Mrs. Ellen Weeks, 1,	Southern Pines.
Brown, Hazel Landreth, 1, 2,	Statesville.
Brown, Jessie, 1,	Warthen, Ga.

Brown, Jessie Harper, 1,	Monroe.
Brown, Maude Turner, 1, 2,	Hillsboro.
Brown, Mrs. Thomas Settle, 2,	Hillsboro.
Brown, Travis Taylor, 1,	Charlotte.
Brown, William Howard, 1,	Greenville.
Bryan, Leon, 1,	Myrtle Beach, S. C.
Bryant, Eloise, 1,	Chadbourn.
Bryson, James Davis, 1,	Cullowhee.
Bryson, Susie Faulkner, 1,	Cullowhee.
Bryson, William Hugh, 1,	Cullowhee.
Buchan, George Thomas, 2,	Henderson.
Buchanan, Agnes Lynn, 1,	Laurinburg.
Buchanan, Lois, 1,	Broadway.
Buckner, Awa Biddalyn, 1, 2,	Alexander.
Bullard, Eunice, 1, 2,	Chadbourn.
Bullock, Annie Boyd, 1,	Bullock.
Bullock, Helen Gertrude, 1,	Stem.
Bunch, Fred Brenning, 1, 2,	Statesville.
Bunn, Bonnie David, Mrs., 1, 2,	Lillington.
Bunn, Mrs. Grace McLeod, 2,	Zebulon.
Bunn, Robert Dean, 1, 2,	Henderson.
Burke, William Levi, 1,	Burlington.
Burkhead, Linnie Ward, 1,	Asheboro.
Burton, Lois Elizabeth, 1,	Ridgeville.
Burton, Vivien Elizabeth, 1,	Hillsboro, Ga.
Butler, Allie Leon, 1,	Glen Alpine.
Butler, Mary Louise, 2,	Falcon.
Butler, Thelma Lou, 1,	Tabor.
Bynum, Mary Dell, 1,	Pittsboro.
Byrd, Sudia, 1,	La Grange.
Byers, Virginia Mary, 1,	Martinsburg, W. Va.
Byrum, Lois Alice, 1,	Coleraine.
Cahoon, Edward Purnell, 1,	Columbia.
Caldwell, Barron Pressley, 1,	Cliffside.
Caldwell, Charles Alonzo, 1, 2,	Taylorsville.
Caldwell, Isabel, 1,	Newton.
Caldwell, Mrs. Nellie Baum, 1, 2,	Taylorsville.
Calhoun, Mabel Louise, 1,	Rocky Mount.
Calhoun, Newton Suddreth, 1, 2,	Winston-Salem.
Calvert, May, 1,	Jackson.
Cameron, Annie Sutton, 1,	Hillsboro.
Carbine, William L., 1, 2,	Charlotte.
Carlisle, William Lytch, 1, 2,	Bennettsville, S. C.
Carlton, Margaret Hines, 2,	Roxboro.
Carpenter, Charlie Carroll, 2,	Crouse.
Carpenter, Joseph H., 1,	Covington, Va.
Carr, Anne Catherine, 1,	Bainbridge, Ga.
Carr, Margarette Lillian, 1,	Burgaw.
Carr, Raymond Sloan, 1, 2,	Rose Hill.
Carr, William Gray, 1,	Wilson.
Carroll, Amick Lewis, 1, 2,	Pittsboro.
Carson, Mary, 2,	Mt. Olive.
Carter, Daisy Viola, 1,	Marston.
Carter, Earl Kendall, 1, 2,	Hanover, N. H.
Carter, Lena Rivers, 1,	Albemarle.
Carter, Miriam Catherine, 1,	Magnolia.
Carter, Ruth, 2,	Henderson.

Cason, Richard, 1, 2,	Sandersville, Ga.
Casper, James Monroe, Jr., 2,	Salisbury.
Cates, Clarence Coleman, 1, 2,	Burlington.
Cathey, George, 1,	Candler.
Caudle, Fannie Grace, 1,	Peachland.
Caudle, Lola Irene, 1,	Charlotte.
Caviness, William Fields, 2,	Raleigh.
Caviness, Lydia Briscoe, 2,	Stedman.
Chaffin, Rachel Frost, 1, 2,	Clemons.
Chalk, Louise, 1,	Hertford.
Chamberlain, Frank Hart, Jr., 2,	Lincolnton.
Chambers, Clara Beatrice, 1, 2,	Stocksville.
Chambers, Elliott Jerome, 1, 2,	Fairmont.
Chamblee, Aileen Betsey, 2,	Zebulon.
Chandler, Gladys, 2,	Maxton.
Chapin, Bessie Fike, 1,	Pittsboro.
Chapman, Fannie Rheim, 1,	Grifton.
Chapman, Ruth Brooks, 1,	Grifton.
Chapman, Mrs. Gladys, 1,	Grifton.
Chappell, Louise Lena, 1,	Bishopville, S. C.
Cheatham, George Kittrell, 1,	Raleigh.
Cheek, Elizabeth Warwick, 2,	Henderson.
Cheek, Nelle Rives, 1,	Chapel Hill.
Chitty, Velna, 1,	Murfreesboro.
Choate, Page, 1,	Salisbury.
Christian, Linwood Barrett, 1,	Durham.
Clark, Lillian Caroline, 1,	Leicester.
Clarkson, Sue Sawyer, 1,	Tabor.
Claytor, Mrs. Rosa Thomas, 1, 2,	Hillsboro.
Clement, James Barrett, 1, 2,	Greensboro.
Clifton, Elizabeth Howell, 2,	Louisburg.
Coats, George Herman, Jr., 1, 2,	Clayton.
Coats, Rosalie, 1,	Clayton.
Cobb, Nell, 1,	Statesboro, Ga.
Coble, Roberta Dickson, 1,	Laurinburg.
Cochran, Mrs. Ethleen Eure, 1,	West End.
Cochran, Graham Clarke, 1, 2,	Greensboro.
Coffield, Benjamin Davis, 1,	Columbia.
Cohen, Solomon Paul, 1, 2,	Weehawken, N. J.
Cole, Minnie Helen, 1, 2,	Rockingham.
Collett, Charlotte, 1,	Wilmington.
Collins, Inda Grey, 1,	Holly Springs.
Collins, Kate Drucilla, 1,	Wingate.
Collins, Lily Priscilla, 1, 2,	Nashville.
Collins, Ralph Stokes, 1,	Ayden.
Colyer, Mary Ellen, 1,	Jacksonville, Fla.
Comer, Emma Louise, 1, 2,	Dobson.
Comer, John Woltz, 1, 2,	Dobson.
Comer, Mabel Caherine, 1, 2,	Dobson.
Conley, George Leslie, 1,	Marion.
Conrad, Jonnie Lee, 1,	Hoffman.
Cook, Hiram Charles, 1,	Calypso.
Cooper, Annie Carter, 1,	Burlington.
Cooper, Sophronia Moore, 1,	Oxford.
Cooper, Williams, 1, 2,	Oxford.
Copeland, Susie Faye, 1,	Burlington.
Copenhaver, Clara Wawter, 1,	Seven Mile Ford, Va.

Coppedge, Hattie Frances, 1, 2,	Spring Hope.
Cornwell, George Thomas, 2,	Lawndale.
Correll, Mary Lillian, 2,	Chapel Hill.
Couch, Georgia Anna, 1, 2,	Chapel Hill.
Counts, Arthur Marion, 1, 2,	Mullins, S. C.
Coward, Mrs. Evelyn Royall, 1, 2,	Cullowhee.
Coward, Mrs. Elizabeth Wren, 1,	Ayden.
Cox, Ida Lee, 1, 2,	Richlands.
Cox, Winnie McWhorter, 2,	Calypso.
Craig, James Caskey, 1, 2,	Waxhaw.
Craver, Ava Viola, 1,	Lexington.
Craver, May, 1,	Lexington.
Crawford, Ava Belle, 1,	Teer.
Crawford, Estelle, 2,	Williamston.
Crawford, Ruth Ardell, 1,	Hillsboro.
Crawley, Runette, 1, 2,	Fayetteville.
Credle, Lucille Margaret, 1, 2,	Lake Landing.
Creech, Helen Mildred, 1,	Selma.
Crissman, Curtis, 1,	Red Oak.
Crissman, Uba Frank, 1, 2,	High Point.
Cromartie, Sarah Catherine, 1,	Raeford.
Crook, Vernon Baldwin, 1, 2,	Concord.
Crowder, Daisy Lee, 1,	Lattimore.
Crowell, Eleanor May, 1,	Concord.
Crowell, Lucy Theresa, 1,	Concord.
Crumpler, Mae Estelle, 1,	Fayetteville.
Culbreth, Eula Mary, 1,	Landrum, S. C.
Culbreth, Graham McKenzie, 1, 2,	Raeford.
Cullom, Ernestine, 1, 2,	Dunn.
Cummings, F. Russell, 1, 2,	Rocky Mount.
Currie, Eunice Catherine, 1,	Raeford.
Currie, Marion Lacy, 1, 2,	Fayetteville.
Daily, Kathleen Moye, 1,	La Grange.
Dalton, Charles Claxton, 1, 2,	Forest City.
Dameron, Lillie Belle, 1,	Warrenton.
Daughtridge, Mrs. E. L., 1,	Tarboro.
Daughtridge, Mrs. John C., 1,	Rocky Mount.
Davis, Alma, 1,	Burgaw.
Davis, Benson Willis, 1,	Marion.
Davis, Christine, 1,	Greenwood, S. C.
Davis, Etta M., 1,	Whiteville.
Davis, Mrs. Julia Cornog, 1,	Chapel Hill.
Davis, Gilbert Bruce, 2,	Fairmont.
Davis, Lealand Jackson, 1, 2,	Davis.
Davis, Mary Ruby, 2,	Waynesville.
Davis, Nellie Fisher, 1, 2,	Mebane.
Davis, Ron, 1, 2,	Todd.
Dayvault, Helen Elizabeth, 1, 2,	Concord.
deBerry, Betty, 1,	Mt. Gilead.
deBerry, Laura Mebane, 1, 2,	Chapel Hill.
DeShazo, Gladys Virginia, 1,	Ridgeway, Va.
DeShazo, Mary Elizabeth, 1,	Ridgeway, Va.
Deal, Blanche E. E., 1,	Roanoke, Va.
Deese, Gaston Lee, 1,	Monroe.
Deese, Robert Clinton, 2,	Lumberton.
Dekle, Laura Melba, 1,	Statesboro, Ga.
Dellinger, Edna Gertrude, 1,	Cherryville.

Dellinger, Frank Roosevelt, 1,	Altamont.
Dendy, Annie Frances, 1,	Hartwell, Ga.
Denning, Elbert Hubbard, 1,	Albemarle.
Denny, Flossie Hurdle, 1,	Greensboro.
Devane, James Stuart, 2,	Elizabethtown.
Dewey, Robert Foster, 1, 2,	Chicago, Ill.
Deyton, Mrs. Nellie Phillips, 1,	Spruce Pine.
Dickson, Lois, 1,	McIntosh, Fla.
Dixon, Pearl, 1,	Shelby.
Dobbs, Edgar Melvin, 1, 2,	Reidsville.
Dockery, Mrs. Mary Wall, 1,	Wadesboro.
Dorr, Louise, 1,	Morganton.
Doughtie, Richard Thaddeus, Jr., 1, 2,	Helena, Ark.
Dowdy, Clara Matilda, 2,	Harbinger.
Dowling, Elizabeth Louise, 1,	Augusta, Ga.
Downing, Carl Duncan, 1,	Fayetteville.
Dozier, Cornelia Williams, 1,	Ocala, Fla.
Dry, William Henry, 1, 2,	Cary.
Duckett, Elbert Cephas, 1, 2,	West Asheville.
Dudley, Leland Augustus, 1,	Lake Landing.
Duffy, Anne Taylor, 1, 2,	Catharine Lake.
Duncan, Thelma Smith, 1, 2,	Columbia, Va.
Dunlap, Lilliam Lucille, 2,	Maryville, Tenn.
Durham, Edwin Vincent, 1, 2,	Charlotte.
Eagles, John Bruce, 1,	Fountain.
Eagles, Richard Lowman, 1, 2,	Fountain.
Eatman, Edward Laughtin, 1, 2,	Bailey.
Edson, Cyrus Melvin, 1, 2,	Tampa, Fla.
Edwards, Angelo Alton, 1,	Stantonsburg.
Edwards, Charles Ruffin, 1,	Mt. Holly.
Edwards, David Calvin, 1, 2,	Walkertown.
Edwards, Elizabeth, 1,	Portsmouth, Va.
Edwards, Nell, 1, 2,	Sylva.
Edwards, Ruth Costen, 1, 2,	Sunbury.
Edwards, Rufus Robert, 1, 2,	Falcon.
Edwards, Sallie Palmer, 1,	Hookerton.
Edwards, William Walter, 1, 2,	Durham.
Eifort, Lucile Majel, 2,	West End.
Eighme, Maurice Edward, 1,	Raleigh.
Eley, Marian Vann, 1,	Franklin, Va.
Eliason, Adlai Hampton, 1, 2,	Statesville.
Elliott, Nida Means, 1,	Waco.
Ellis, Mrs. Allen Luther, 1,	Derita.
Ellis, Constance, 1,	Quincy, Ill.
Ellis, Mitchell Porter, 1, 2,	Birmingham, Ala.
Emory, Samuel Thomas, 1, 2,	Chapel Hill.
English, Edwin Stuart, Jr., 1, 2,	Brevard.
Entrekin, Ida Belle, 1,	Bremen, Ga.
Ernst, Jane Jeantte, 1, 2,	Chapel Hill.
Erskine, Charles Robert, 1,	Stanford, Conn.
Ervin, Jean Conyers, 1,	Morganton.
Ervin, Kathleen Anna Mae, 1,	Newton.
Ervin, Lucile, 1,	Micaville.
Eskridge, Elbert Stanford, 1, 2,	Lawndale.
Estes, William Collins, 1,	Asheville.
Eubanks, Lyda Harris, 1, 2,	Chapel Hill.
Eure, Louise, 1, 2,	Eure.

Fairbank, Marian, 2,	Thorsby, Ala.
Falkener, Sara Gilmour, 1, 2,	Chapel Hill.
Farleigh, Stuart Allan, 1,	Chicago, Ill.
Farrell, Claude Herman, 2,	Dunn.
Farrell, William York, 1,	Mebane.
Faulkner, Joseph Goodson, 1,	Greensboro.
Fearing, William Lumsden, 1,	Elizabeth City.
Felder, Edus Ferrell, 1,	Blakely, Ga.
Fellers, Annie Elizabeth, 1,	Prosperity, S. C.
Felton, Annie Howard, 1, 2,	Dunn.
Ferguson, Fred J., 1,	Dellwood.
Ferguson, Jesse Edwin, 1, 2,	Siler City.
Ferguson, Thomas Russell, 1, 2,	Newell.
Ferris, Catherines Norman, 2,	Tampa, Fla.
Fields, Grace Elizabeth, 1, 2,	La Grange.
Figg, Paul Howard, 1, 2,	Charleston, S. C.
Finch, Anna Joe, 1,	Guilford College.
Fisher, Adam J., 2,	Charlotte.
Fisher, Pearle, 1,	Salisbury.
Flack, Mrs. Minnie C., 1,	Forest City.
Fleming, Mrs. Josephine Sipe, 1,	Warsaw.
Fleming, Margaret Krider, 1,	Woodleaf.
Fleming, Sadie Jaunita, 1,	Boonville.
Floyd, Annabel Frances, 1,	Tabor.
Floyd, Christine Mary, 1,	Fairmont.
Foard, Cowan Carson, 2,	Statesville.
Foley, Laura Hudgins, 1,	Greenville.
Fonville, Bettie Rachael, 2,	Burlington.
Fonville, Fred Washington, 1, 2,	Burlington.
Fonville, Maude Beatrice, 1,	Mebane.
Fooshe, Dorothy, 1,	New York, N. Y.
Fooshe, Pinckney Sanders, 1, 2,	Norfolk, Va.
Ford, Annie Mae, 1, 2,	Lowell.
Forlaw, Elizabeth Catherine, 2,	Rose Hill.
Formyduval, Otie, 1,	Vineland.
Forney, Thomas Jacob, 1, 2,	Lawndale.
Forrest, Louise Mary, 1,	Efland.
Forrest, Stephen Carl, 1,	Efland.
Foster, Helen, 2,	Roebuck, S. C.
Fountain, Allie Louise, 1,	Fountain.
Fountain, Martha Brown, 1,	Rocky Mount.
Fowler, Clegg Winchester, 1, 2,	Monroe.
Fowler, Edwin Mitchell, 1, 2,	Durham.
Foy, Grace, 1,	Mt. Airy.
Franklin, Minnie Lula, 2,	Raleigh.
Freeman, Bess B., 1,	Shelby.
Freeman, Clara Bell, 1,	Dobson.
Freeman, Mrs. J. N., 1,	Dobson.
Fritz, William Abel, 1, 2,	Hickory.
Fuller, William Pace, 1, 2,	Durham.
Furr, Edith, 1,	Gastonia.
Furr, Earl M., 1,	Stanfield.
Furr, Lela Maye, 1,	Stanfield.
Furr, Ray Albert, 1, 2,	Oxford, Miss.
Fussell, Edna Lee, 1, 2,	Rose Hill.
Futrell, Rosa, 1, 2,	Conway.
Futrell, Sadie, 1,	Rich Square.

Futrell, Neva Nuckoles, 1,	Murfreesboro.
Fysal, Ellis Daher, 1, 2,	Wilson.
Gabriel, Winnie, 1,	Terrell.
Gaddy, Hermon Curtiss, 1, 2,	Peachland.
Gaddy, Mary, 1,	Wingate.
Galimore, Kenneth, 1,	Lexington.
Galphin, Annice Elizabeth, 1, 2,	Greenville, S. C.
Galphin, Annie Louise, 1,	Holly Hill, S. C.
Gamble, Jessie Elizabeth, 1,	Lincolnton.
Garden, Lucile Venable, 1,	Prospect, Va.
Gardner, Mrs. Dillard Scott, 1, 2,	Reidsville.
Garlick, Edna, 1, 2,	Henderson.
Gary, Fannie Alberta, 1, 2,	Murfreesboro.
Gates, Emma Lee, 1, 2,	Rougemont.
Gatling, Clarine, 1,	Gates.
Gay, Charles Theodore, 2,	Tampa, Fla.
Geller, David Maurice, 1, 2,	Brooklyn, N. Y.
George, Pauline, 2,	Four Oaks.
Gibson, Thelma, 1, 2,	Laurinburg.
Gilchrist, Margaret M., 1,	Cameron.
Giles, Ned Butler, 2,	Glen Alpine.
Gill, Catrina, 1,	Zebulon.
Gilliam, Paul Denny, 1,	Altamahaw.
Ginn, James Theda, 1,	Snow Hill.
Glascock, Harold Wenfield, 1,	Raleigh.
Gleaton, George Newsome, 1, 2,	Conyers, Ga.
Glenn, Chas Arthur, 1,	Gastonia.
Glover, Hamed Charles, Jr., 1,	Newnan, Ga.
Godwin, Mrs. Florence Baum, 1,	Fairfield.
Goggan, Katherine Holmes, 1, 2,	Asheville.
Gold, James Howard, 1, 2,	Greensboro.
Goode, John Fisher, 2,	Woodard.
Goode, Velma, 1, 2,	Boiling Springs.
Gooding, Sallie, 2,	Kinston.
Goodman, Fannie E., 1,	Mount Ulla.
Goodson, Alice, 1, 2,	Mt. Olive.
Goodson, Mary Katharine, 1, 2,	Mt. Olive.
Gordon, Chandler Wysor, 1,	Asheville.
Gorham, Altee Norma, 1, 2,	Washington.
Gosney, Bessie Smith, 1,	Spencer.
Gouge, Esse Vee, 1, 2,	Bakersville.
Gowdy, Thyra, 1,	Lake City, S. C.
Grady, Eloise, 1, 2,	Kenly.
Grady, Elsie Swink, 1, 2,	Kenly.
Graham, Edward Kidder, 1, 2,	Chapel Hill.
Graham, George Malcolm, 1,	Jonesboro.
Graham, Julia Elizabeth, 1, 2,	Charlotte.
Graham, Josephine Walters, 2,	Burlington.
Graham, Walter Boyd, 1, 2,	Concord.
Gravett, Evelyn Katherine, 1,	Alton.
Green, Mrs. Ralph Waldo, 1,	Raleigh.
Green, Stanley Everett, 1,	Boiling Springs.
Green, Worth Bunyan, 1,	Midland.
Greene, Alton Glenn, 1, 2,	Candor.
Greer, Hattie Steele, 2,	Blowing Rock.
Grier, Ellie, 1,	Pineville.
Griffin, Isaac Cebern, Jr., 1, 2,	Chapel Hill.

Griffin, J. O., 1,	Reidsville.
Griffin, Mozelle Ava, 1, 2,	Neuse.
Griggs, Carl Francois, 1, 2,	Mayodan.
Griggs, Robanna, 1,	Harbinger.
Grimes, Dorothy Edna, 1,	Augusta, Ga.
Grimes, Thomas Mayo, 1,	Robersonville.
Grimsley, Mrs. Harry B., 1,	Winston-Salem.
Grindstaff, Harold Freeman, 1, 2,	Sylva.
Gulledge, Nannie Eason, 1, 2,	Wadesboro.
Gunter, Mrs. June Utley, 1, 2,	Sanford.
Guth, Louise Emily, 1,	New Orleans, La.
Hackney, Hoyt Milton, 1, 2,	Siler City.
Hackney, Rufus Rastus, 1, 2,	Durham.
Hadley, Wade Hampton, Jr., 1,	Siler City.
Haigler, Mildred Griffin, 1,	Unionville.
Haigler, Verla, 1,	Unionville.
Hall, Hesba, L., 1,	Cooper.
Hall, Henry Reynolds, 1,	Clemmons.
Hall, Mary Anne, 1,	Milton.
Hallman, Perrye Gertrude, 1,	Iron Station.
Hamilton, Hazel Adele, 2,	Charleston, S. C.
Hamilton, Joseph deRoulhac, Jr., 1, 2,	Chapel Hill.
Hampton, Kenneth Dunlap, 2,	Raeford.
Hampton, Lucille Lettie, 1,	Aydlett.
Hamrick, Laxton, 1,	Ellenboro.
Hanahan, William Ogier, 1, 2,	Charleston, S. C.
Hancock, Ernest Dewey, 1, 2,	Bear Creek.
Hand, Mayme Davis, 1,	Belmont.
Haney, Charles Lewis, 1,	Nealsville.
Hanks, Helen Elizabeth, 1,	Iva, S. C.
Hanna, Ralph Edward, 1, 2,	Dunn.
Hansen, Gudrun Elizabeth, 1, 2,	New Orleans, La.
Hansen, Sylvia Wermend, 1,	New Orleans, La.
Hardesty, George Davis, 1, 2,	New Bern.
Hardin, Jason Hugh, 1, 2,	Forest City.
Harding, Benjamin Hackett, 1, 2,	Yadkinville.
Hardy, Jack Crumpton, 1, 2,	Belton, Texas.
Hardy, Mary Alice, 1, 2,	Amelia, Va.
Hardy, Mary Alice, 1,	Norlina.
Harlan, Lida, 1, ,	Charlotte.
Harmon, Anna McNeill, 2,	Fayetteville.
Harmon, Mrs. Joseph Lee, 2,	Pittsboro.
Harper, Sanford C., Jr., 1,	
Harrell, Mrs. Minnie P., 1,	High Point.
Harris, Boyd White, Jr., 1,	Durham.
Harris, Elizabeth, 1,	Mooresville.
Harris, Pauline Elizabeth, 1,	Mint Spring, Va.
Harrison, Frances Mozelle, 1,	Greensboro.
Harrison, Katherine White, Mrs. 1, 2,	Plymouth.
Harrison, Virginia Lea, 1, 2,	Chapel Hill.
Harward, Lola Lee, 1, 2,	Chapel Hill.
Hatcher, Ellen Irene, 1,	Faison.
Hatfield, Louise Lillian, 1, 2,	Creswell.
Hauser, L. Milton, 1,	Franklin.
Hamkersmith, William, 1,	Winchester, Tenn.
Hayes, Carrie Belle, 1, 2,	Spring Hope.
Hayes, Clara Gray, 1, 2,	Spring Hope.

Hayes, Lois Gertrude, 1,	Fairmont.
Hayes, Margarette Arthur, 2,	Gates.
Headen, Welford Albert, 1, 2,	Siler City.
Hearne, Martha A., 1,	Macclesfield.
Heathington, John Allen, 2,	Charleston, S. C.
Helms, Annie May, 1,	Unionville.
Helms, Christine, 1,	Monroe.
Helms, Faye, 1, 2,	Monroe.
Helms, Mrs. Inez Brown, 2,	Oswego, S. C.
Henderson, Irma Carlene, 2,	Asheville.
Henderson, Lollie Freeman, 1,	Jacksonville.
Henry, Nathaniel Harding, 1,	Chapel Hill.
Herbert, Dora Furman, 1,	Darlington, S. C.
Herman, Carrie Jane Elizabeth, 1,	Conover.
Herman, Ida Estelle, 2,	High Point.
Herring, Irma, 1,	Clinton.
Herring, Sarah, 1,	Wilson.
Higdon, William Logan, Jr., 1,	Franklin.
Hines, Eugene Griffin, 1, 2,	Goldsboro.
Hines, Mrs. Hugh Benjamin, 1, 2,	Manteo.
Hinshaw, Conrad Ogburn, 1, 2,	Pleasant Garden.
Hinton, Annie Thelma, 1,	Jacksonville.
Hodges, Charlotte, 1,	Marion, S. C.
Harper, Elmer George, Jr., 1,	Chapel Hill.
Hogg, Cornelia Barcalow, 1,	West Point, Va.
Hogg, Elizabeth Wauters, 1,	West Point, Va.
Hogue, Mrs. Maude Estelle, 1,	Norfolk, Va.
Holden, Mattie Lucille, 1,	Spencer, Va.
Holder, Clyde Robert, 1,	Winston-Salem.
Holder, Mrs. Naomi Dail, 1, 2,	Calypso.
Holderness, Haywood Dail, 1,	Tarboro.
Holderness, Harriet Howard, 1,	Tarboro.
Hole, Leonard Hamlet, 1, 2,	Greensboro.
Holland, Bettie, 1, 2,	Godwin.
Holland, Erma Virginia, 1,	Windsor, Va.
Holleman, Sadie, 1,	Winston-Salem.
Hollingsworth, Jesse Gentry, 1,	Mt. Airy.
Holloway, Willa Lee, 1, 2,	Vsrina.
Hollowell, Ira Dixie, 1,	Belvidere.
Hood, Janie Lucille, 1,	Matthews.
Hooker, Frances, 1,	Scotland Neck.
Horkan, Elizabeth Faye, 2,	Moultrie, Ga.
Horton, Margie Lee, 1, 2,	Zebulon.
Houston, Francis Marion, 1,	Raleigh.
Howard, Carrie Lee, 1,	Sanford.
Howard, Georgia Lee, 1, 2,	St. Pauls, S. C.
Howard, Rachel Eugenia, 1, 2,	Hillsboro.
Hoyle, Columbus Alonzo, 1,	Carrboro.
Hoyle, Hughes Bayne, 1, 2,	Manteo.
Hudson, Mrs. H. C., 2,	Charlotte.
Hudson, Percy, 1,	Dunn.
Hudson, Tennie, 1,	Dunn.
Hufham, Lottie Eveline, 1,	Chadbourn.
Humphrey, Walter Emerson, 2,	Dover.
Hundley, George William, Jr., 1, 2,	Durham.
Hunt, Helen Luther, 1,	Oxford.
Hunt, Paul Addison, 1, 2,	Pleasant Garden.

Hunt, William Lanier, 1, 2,	Pomona.
Hunter, Ernest Jones, 1,	Huntersville.
Hunter, Fred Sample, 1, 2,	Huntersville.
Hunter, Mrs. J. S., 1, 2,	Hendersonville.
Hunter, Sarah, 1,	Matthews.
Hunter, Shelton Brinson, Jr.	Magnolia.
Hurley, Patty Eliza, 1, 2,	Biscoe.
Huske, Isaac Hall, I,	Fayetteville.
Hutaff, Mildred, 1, 2,	Wilmington.
Hutchison, Samuel Blaine, 2,	Bremens.
Hyatt, Clara Lee, 1,	Burnsville.
Ingram, John Robert, Jr., 1,	Sanford.
Irvine, Anne Lewis, 1,	Milton.
Irwin, Ann Bradley, 1,	Chapel Hill.
Isley, Avery Lucian, 1,	Burlington.
Ivey, Edith Leland, 1,	Norwood.
Jackson, Henry Tull, 1,	Mt. Olive.
Jackson, Morris Bradly, 1, 2,	Newport, N. Y.
Jackson, Mary Ethel, 1,	Tryon.
Jackson, Philip P., 1, 2,	Gastonia.
Jacocks, Mary Howell, 2,	Tarboro.
James, Mrs. Mary W., 1,	Rocky Mount.
Jamison, Louise Sarah, 1,	Spartanburg, S. C.
Jarman, William H., 1, 2,	Wilmington.
Jarratt, Augustus Henry, Jr., 1,	Concord.
Jemison, John Snow, Jr., 1,	Birmingham, Ala.
Jernigan, Luby Baggett, 1, 2,	Cooper.
Johnson, Aliene, 1, 2,	Salisbury.
Johnson, Mrs. Allie E., 1, 2,	Manteo.
Johnson, Benjamin Elroy, 2,	Candor.
Johnson, Daniel Calvin, 1, 2,	Morven.
Johnson, Frederick Burr, 1, 2,	Raleigh.
Johnson, George Mann, 1,	Cedar Creek.
Johnson, Jasper Calvin, 1,	Morven.
Johnson, Josiah Dark, 2,	Siler City.
Johnson, Joseph Edward, 1,	Benson.
Johnson, Joseph Harrison, 1,	Enfield.
Johnson, Julia Lee, 1, 2,	Calypso.
Johnson, Kathryn Margaret, 1,	Liberty.
Johnson, Mildred, 1,	Pantego.
Johnson, Margaret Ruth, 2,	Sanford.
Johnson, Preston Bright, 1, 2,	Benson.
Johnson, Robert Glenn, 1, 2,	Benson.
Johnson, Sara Lois, 1,	Statesboro, Ga.
Johnson, Troy Ausborne, 1,	Bessemer City.
Johnston, Fannie B., 1,	Littleton.
Johnston, Larry Branch, 2,	Charlotte.
Jolly, Grace Mildred, 1,	Ayden.
Jones, Adlene, 1,	Elberton, Ga.
Jones, Amanda Charlotte, 1,	Driver, Va.
Jones, Alice Elizabeth, 1,	Fayetteville.
Jones, Aline Kirkman, 1,	High Point.
Jones, Clifford Crow, 1, 2,	Greenville, S. C.
Jones, Earl Thomas, 2,	Danville, Va.
Jones, Helen, 1,	Kenansville.
Jones, Henry Frederick, Jr., 2,	Baltimore, Md.
Jones, Mrs. Helen J., 2,	Henderson.
Jones, Moselle O., 1,	Elberton, Ga.

Jones, Sara Esther, 2,	West Asheville.
Jones, William Franklin, 1, 2,	Charlotte.
Joyner, Nelle Ballard, 2,	Franklinton.
Kapp, Constantine Hege, 1, 2,	Winston-Salem.
Kapp, Henry Herman, Jr., 1, 2,	Winston-Salem.
Karriker, Thurman R., 1,	Mooresville.
Keith, Mae Hampton, 1,	Varina.
Keller, Lena, 2,	Concord.
Keller, William Harry, 1, 2,	Cullowhee.
Keller, William Harry, Mrs., 1, 2,	Zebulon.
Kendrick, Alma Lula, 1,	Cherryville.
Kendrick, Annie Will, 1,	Cherryville.
Kendrick, Linnie, 1,	Cherryville.
Kendrick, Nell Elvira, 1,	Gastonia.
Kennedy, Melrose, 1,	Statesboro, Ga.
Kent, Celeste Mary, 1,	Glenwood, Ga.
Kidd, Kearney Robert, 1,	Highfalls.
Kilgroe, Mary Benson, 1,	Woodruff, S. C.
Kimzey, Margaret Nancy, 1,	Fletcher.
Kincaid, Gilmour Anderson, 1, 2,	Gastonia.
King, Mrs. Eula Lawton, 2,	Laurinburg.
Kirk, Mary A., 1,	Lancaster, S. C.
Kirkpatrick, Arthur Mioles, 2,	Caldwell, N. J.
Kirkpatrick, Nell Amelia, 2,	Canton.
Kiser, Elva Enola, 1,	Bessemer City.
Kittrell, Ruth Bonner, 2,	Winterville.
Klutz, Janie Ruth, 1, 2,	Concord.
Knight, Lola Dell, 1,	Angelus, S. C.
Knoefel, Arthur Eugene, Jr., 2,	Black Mountain.
Knowles, Pauline, 1, 2,	Wallace.
Koger, Catherine McMillan, 1,	Charleston, S. C.
Kyles, Edith Elizabeth, 1, 2,	Statesville.
Kyles, Paul, 1,	Statesville.
Lambert, Dewey Winfred, 2,	Greensboro.
Lambeth, Annie Maxwell, 1,	Moncure.
Lamm, Berta L., 1,	Black Creek.
Lancaste, Wade Lee, 1,	Wilson.
Lane, Frederick Gray, 1, 2,	Morganton.
Lane, Ruth Holder, Mrs., 1, 2,	Morganton.
Lane, Sarah Ellinor, 1,	Elizabeth City.
Langley, Forrest Lelon, 1, 2,	Kenly.
Langston, Marie, 1,	Laurens, S. C.
Langston, Nora, 1,	Laurens, S. C.
Lark, Chas. T., 1,	Gate City, Va.
Lark, Mrs. Chas. T., 1,	Gate City, Va.
Lassiter, James Harrison, 1,	Charlotte.
Lasetter, Moses Dow, Jr.,	Greenville.
Lawrence, Jessie, 1, 2,	Salisbury.
Leafe, Mrs. Ruth, 1,	Badin.
Leake, Marion, 1,	Bennettsville, S. C.
Leary, Eugene, 2,	Merry Hill.
Leary, Ottey, 1,	Old Trap.
Leatherwood, Eva Pinkney, 2,	Lake Junaluska.
Ledbetter, Hazel Mebane, 1, 2,	Chapel Hill.
Lee, Emily Markham, 1,	Graham.
Lee, John Harry, 2,	Monroe.
Lee, Mabel Margaret, 1,	Scranton, S. C.
Leiby, George Martin, 1,	Chapel Hill.

Lennon, Carl Hatcher, Jr., 1,	Rowland.
Lenoir, Gwyn Hunt, 1,	Yadkin Valley.
Lentz, Ada Lillian, 1, 2,	Gold Hill.
Leonard, Roby Clinton, 1, 2,	Lexington.
Levering, Margaret, 1,	Guilford College.
Lewis, Ellen May, 1, 2,	Farmville.
Lewis, Hattie Taylor, 1,	Edenton.
Lewis, Luther Murray, 2,	Faison.
Lewis, Matt Ransom, 1,	Atkinson.
Lide, Louise, 1, 2,	Four Oaks.
Lifrage, Emma Caroline, 1,	Salter's Depot, S. C.
Lindau, C. Maxine, 1,	Greensboro.
Lindley, John Van, 1, 2,	Greensboro.
Lindau, Arline Caraway, 1,	Lexington.
Lineberger, Jenny Lee, 1,	Mt. Holly.
Link, Victoria, 1,	Lexington.
Lipscomb, Edward Russell, 1,	Greensboro.
Little, Carrie Virginia, 1, 2,	New Orleans, La.
Llewellyn, Robert James, 2,	Stoneville.
Lloyd, Grace Mae, 1,	Chapel Hill.
Lloyd, Margaret, 1,	Bethel.
Logan, Helen, 1,	King's Mountain.
Logue, Rubye, 2,	Stapleton, Ga.
Lallis, Maggie Lois, 1,	Washington.
Long, Jesse Melvin, 1, 2,	Mollie.
Long, Myra Tincie, 2,	Liberty, S. C.
Long, Ruth Margaret, 1,	Albemarle.
Looper, Ruth Jane, 1,	Easley, S. C.
Lunsford, Willie Martha, 2,	Greensboro, Ga.
Lyon, Ollie Ianna, 1,	Creedmoor.
McAdams, Nannie Lee, 1, 2,	Mebane.
McAlister, Hettie Huggins, 1,	Wilmington.
McAlister, Jean Colvin, 1,	Greensboro.
McBroom, George Oliver 1,	Red Springs.
McCauley, Ione, 2,	Greensboro.
McClure, David Craig, 1, 2,	Chapel Hill.
McCombs, Elizabeth Calra, 1,	Salisbury.
McCormick, George Harold, 1, 2,	Greensboro.
MacDougald, Edelweiss, 1, 2,	Clarkton.
McDowell, Anne V., 1, 2,	News Ferry, Va.
McDowell, Mary Hayes, 1, 2,	Scotland Neck.
McDuffie, Beulah Kate, 1, 2,	Rennert.
McDuffie, Cora Lavinia, 1, 2,	Rennert.
McDuffie, Sarah Walker, 1,	St. Pauls.
McEachern, Miriam, 1, 2,	Wilmington.
McElwee, Fannie Fort, Mrs., 1, 2,	Statesville.
McFadyen, Alvan Robbins, 1, 2,	Fayetteville.
McGeachy, Sarah Johnson, 1,	St. Pauls.
McGee, Bertie Melvel, 1,	Dahlonega, Ga.
McGee, Eunice, 1,	Charlotte.
McGehee, Delilah H., 1,	Jamestown.
McGhee, Vann Ward, 1,	Whitakers.
McGuire, Edith Palmer, 1,	Wolf Trap, Va.
McGlohon, Ethel, 1,	Winterville.
McHargue, Raymon Lee, 1, 2,	Statesville.
McIntyre, Bess Bernice, 2,	Wingate.
McIntyre, Lutie, 1,	Troy.
McIntyre, Mamie, 1,	Troy.

McKee, William Wakefield, 1, 2,	Chapel Hill.
McKeithan, Mary Fowler, 2,	Aberdeen.
McKinley, Johnsie Louise, 1, 2,	Kannapolis.
McKinne, Olivia, 1, 2,	Louisburg.
McKinney, Mrs. Edward Fulton, 1, 2,	Mt. Airy.
McKinney, Elizabeth Louise, 1, 2,	Mt. Airy.
McKinnon, Fannie, 1,	Mt. Gilead.
McKittrick, Louise, 1, 2,	Pelzer, S. C.
McLean, Hector, 2,	Laurinburg.
McLean, Mary Louise, 1,	Red Springs.
McLeod, Bernice Hartman, 1,	Lemon Springs.
McLeod, Mrs. Kate Smith, 1, 2,	Lumberton.
McLeod, Malcolm Archibald, 1,	Broadway.
MacLeod, Mary Griffin, 1, 2,	Burlington.
McLeod, Mary Margaret, 1,	Sanford.
McLeod, Margaret, 1,	Broadway.
McLeod, Ollen D., 1, 2,	Raleigh.
McMillan, Robert Lindsay, 1,	Charlotte.
McNair, James Lytch, Jr., 2,	Laurinburg.
McNeill, Rebecca Abernethy, Mrs., 2,	Wade.
McNeill, Ruth Leslie, 1,	Vass.
McPherson, William Primrose, 2,	Raleigh.
Mcueen, William Brown, Jr., 1,	Raeford.
McRacken, Angus Raymond, 1, 2,	Shannon.
MacRae, Colin, 1,	Wilmington.
McRae, Nancy Belle, 1,	Hamlet.
McWhorter, Ethel, 1,	Memphis, Tenn.
Madry, Claudins Jarratte, 1, 2,	Scotland Neck.
Mahlet, Andrew John, 2,	Wilmington.
Malpass, Edna Lucile, 1,	Clinton.
Mangum, Edith Hooper, 1,	Lexington.
Manning, Carolina Ramford, 1,	Mt. Jay, Penna.
Manning, Edwin Haus, 1, 2,	Jamesville.
Manthey-Zorn, William, 1,	Amherst, Mass.
Marlette, Laura, 1, 2,	Saxapahaw.
Marrow, Alice Lee, 1, 2,	Tarboro.
Marrow, Harriet, 1,	Tarboro.
Marsh, William Hill, 2,	Fayetteville.
Marshall, Byron Ashley, 1, 2,	Colfax.
Marshall, Ellen Mae, 1,	Chadbourn.
Marshall, Robert Dewey, 1, 2,	Granite Falls.
Marshburn, Lena Mae, 1,	Guilford College.
Martin, Miss Clay Norman, 1, 2,	Wilson.
Martin, Sallie Mae, 1,	Salley, S. C.
Martinez, Marguerite Irving, 1,	New Orleans, La.
Massengill, Bessie, 1,	Dunn.
Massenburg, Lillian, 1,	Louisburg.
Matthews, Edna, 1, 2,	Florence, S. C.
Matthews, Elizabeth, 1,	Charlie Hope, Va.
Matthews, Nora, 1,	Charlie Hope, Va.
Mattocks, Philip Ward, 1, 2,	Gillett.
Mattox, Blanche Stewart, 1,	Chapel Hill.
Mauney, Clyde David, 1, 2,	Cherryville.
Max, Charles, 1, 2,	Newark, N. J.
Maxwell, William Hampton, 1, 2,	Granite Hill, Ga.
May, Caroline Koonce, 1, 2,	Grifton.
Maynor, Henry, 1,	Monroe.
Mazyck, Henry deChastaiguier, 1, 2,	Louisville, Ky.

Meador, Esther Martin, 1, 2,	Lucama.
Mears, Annie Elizabeth, 1,	Rocky Mount.
Mechen, Mrs. Kathryne Frances, 1,	North Wilkesboro.
Medley, Mary Louise, 2,	Polkton.
Meeder, Pauline, 1, 2,	Farmville.
Meekins, Mrs. C. S., 1,	Manteo.
Mellon, Harriette Eugenia, 1,	Stony Point.
Melson, Roland Jennings, 1,	Chapel Hill.
Memory, Mrs. Eulalie MacGill, 1,	Lumberton.
Mercer, Albert Lewis, 1, 2,	Beulaville.
Mercer, Grady, 1,	Beulaville.
Merritt, Robert Charles, Jr., 1, 2,	Wilmington.
Messer, Josephine Owen, 2,	Horse Shoe.
Mewborn, John Moses, 2,	Snow Hill.
Mewborn, Ruth, 1,	Grifton.
Middleton, Mrs. Walter Pearsall, 2,	Goldsboro.
Midgley, Dorothy, 1,	Bennettsville, S. C.
Miller, Pauline, 1,	Statesville.
Mills, Roy Edward, 1,	Polkton.
Mitchell, Mrs. Ella J., 1,	Scottsville.
Mitchell, Etta, 1,	Goldsboro.
Mizell, Mrs. A. D., 1,	Tarboro.
Mock, Cora Lee, 1, 2,	Franklin.
Modlin, Helen Carolyn, 1,	Ahoskie.
Malpus, Dorothy, 2,	Meridian, Miss.
Monroe, Albert Rother, 1, 2,	Salisbury.
Monroe, Pearl, 1, 2,	Eagle Springs.
Monroe, Sarah Elizabeth, 1,	Sanford.
Monroe, William Alexander, 1,	Sanford.
Montgomery, Wesley Lee, 1, 2,	Bunn.
Moody, Charles Stowe, 1, 2,	Charlotte.
Moore, Agnes, 2,	Farmville.
Moore, Davis Lee, 1, 2,	Stokes.
Moore, Gertrude Barnes, 1,	Wilmington.
Moore, Gertrude Elizabeth, 1, 2,	Waxhaw.
Moore, Lemeuel Wadsworth, 1,	Petersburg, Va.
Moore, May Carlisle, 1,	Bennettsville, S. C.
Moore, Nelle Scharb, 1, 2,	York, S. C.
Moore, Pattie Lyon, 2,	St. Petersburg, Fla.
Moore, Rachel, 1, 2,	Whitakers.
Moore, Valera Gladyes, 1,	Scotland Neck.
Mooring, Hattie Belle, 1,	La Grange.
Moose, Pauline Page 1,	Newton.
Morgan, Evelyn Grace, 1,	Burlington.
Morgan, Katherine, 1,	Hillsboro.
Morgan, Mrs. Neva Clyde, 2,	Winfall.
Morgan, Sallie Paine, 1, 2,	Holly Springs, Miss.
Morgan, William Brewer, 1, 2,	Pittsboro.
Morris, Anne, 1, 2,	Columbus, Ga.
Morris, Isabelle Emma, 1, 2,	Albemarle.
Morris, Lucille, 1,	Hendersonville.
Morris, Mattie Lou, 1, 2,	Concord.
Morris, Mary Wadley, 1, 2,	Columbus, Ga.
Morrow, Martha Connor, 1,	Hendersonville.
Morton, Jean Johnston, 1, 2,	Wilmington.
Morton, Mary McNiece, 1, 2,	Wilmington.
Mosteller, Kate Lavada, 1,	Vale.
Moye, Annie Ruth Jones, 1,	Williamston.

Moye, Elizabeth Etheridge, 1,	Kenly.
Moye, James McKinney, 2,	Greenville.
Mundy, Frankie, 1, 2,	Denver.
Murchison, Mabel Cameron, 2,	Rocky Mount.
Murphy, Sallie Chessie, 1, 2,	Louisburg.
Muse, Bonnie Heath, 1,	Cameron.
Myers, Edna May, 2,	Danville, Va.
Myers, L. Maie, 1,	Charlotte.
Myers, Ruby Jane, 1, 2,	Yadkinville.
Nance, A. Christine, 1,	Wingate.
Nance, Bronnie Anderson, 1, 2,	Wingate.
Nance, Hallie Eleanor, 1,	Due West, S. C.
Neal, Rebecca Graves, 2,	Ruffin.
Neely, Edgar Adams, Jr., 1, 2,	Atlanta, Ga.
Nelson, Charlie Etheridge, 1, 2,	Murfreesboro.
Nelson, Estelle, 1, 2,	Hendersonville.
Nesbit, Ellie Estaline, 1,	Waxhaw.
Newell, Olive Elizabeth, 1,	Gastonia.
Newell, Ruth, 2,	Scotland Neck.
Newman, Annie W., 1,	Leasburg.
Newton, Elizabeth McRae, 2,	Bennettsville, S. C.
Nichols, Erwin, 1,	Charlotte.
Nichols, Helen Blair, 1,	Silverstreet, S. C.
Nichols, Lois Elizabeth, 1,	Silverstreet, S. C.
Nicholson, Anna, 1,	Fort Lauderdale, Fla.
Nickels, Peggy Elizabeth, 1, 2,	Charlotte.
Nixon, Evelyn, 1,	Davidson.
Norton, Ruby Ruth, 2,	Laurinburg.
Norwood, Sallie Stovall, 1, 2,	Bullock.
Nunn, Inez Grace, 1,	Calypso.
O'Neill, Frank Church, 1, 2,	Henderson.
O'Quinn, Charloe, 2,	Star.
O'Quinn, Zona, 2,	Lillington.
Oakes, Mildred, 1,	Faison.
Oliver, Florence Elizabeth, 1,	Mt. Olive.
Oliver, George Motley, 1, 2,	Yanceyville.
Oliver, Helen J., 1,	Marietta.
Osborne, Gladys Marion, 1, 2,	Leaksville.
Osborne, Josephine Ashe, 1, 2,	Charlotte.
Osborne, James Theodore, 2,	Waynesville.
Owens, Magnolia, 1, 2,	Columbia.
Owens, Ruth Mildred, 1, 2,	Stantonsburg.
Oxman, Bertram Sidney, 1, 2,	New York, N. Y.
Page, Ruth, 1, 2,	Marietta.
Parker, Annie Pearle, 1, 2,	Raleigh.
Parker, Bernice Brinson, 1,	Lasker.
Parker, Frances, 2,	Danville, Va.
Parker, Grace, 1,	Murfreesboro.
Parker, Lois Marie, 1, 2,	Murfreesboro.
Parkin, Nell, 1,	Thomasville.
Parks, Myrtle, 1,	Kannapolis.
Parlier, Robert Lee, 1, 2,	Kings Creek.
Parrish, Ellie Gooch, 1,	Stem.
Parrish, Frances Malva, 1,	Franklin.
Parrish, Julia Paschall, 1,	Rougemont.
Patche, Eleanor Elizabeth, 1,	Durham.
Pate, John Ralston, 1, 2,	Charleston, S. C.
Patten, Paul Raymond, 1,	New Bern.

Patterson, Mrs. David E., 1,	Hillsboro.
Patterson, Edwin Lemuel, 1, 2,	Statesville.
Patterson, Pinkie Fay, 1,	Mt. Holly.
Patterson, Walter Branch, 1, 2,	Rochester, N. Y.
Paul, Allie Rae, 1,	Edward.
Paul, Elizabeth, 1,	Pembroke.
Paul, Elliott Marvin, 1, 2,	Pembroke.
Payne, Robert Glenn, 1, 2,	Granite Falls.
Payne, Virginia, 1, 2,	Dickson, Tenn.
Peake, Thelma Beatrice, 1 2,	Toledo.
Pearman, Frederick Keller, 1,	Burlington.
Pearson, Mrs. Annie Stacy, 2,	Dudley.
Pearson, Margaret Lenore, 1, 2,	Gastonia.
Peebles, Calvert Goosley, 1,	Hubert, Ga.
Pendergraft, Gradon O'Kelly, 1, 2,	Chapel Hill.
Pendleton, Floy Mary, 1,	Gate City, Va.
Pendleton, William Gerald, 1,	Shelby.
Penney, Nerah Grimes, 1,	Salisbury.
Pennington, Mrs. Pearl Morrison, 1,	Tarboro.
Penny, Celeste Lane, 1, 2,	Raleigh.
Perez, Mendez Fernando, 1, 2,	Havana, Cuba.
Perkins, Annie, 1,	Greenville.
Perkins, A. Reid, 1,	Greensboro.
Perkins, Julian Lawrence, 1, 2,	Stokes.
Perry, Alton Whitman, 1,	Washington.
Person, Frances, 1,	Macon.
Person, Mildred Ashton, 1,	Macon.
Peterson, Inez, 1,	Savannah, Ga.
Pfaff, Eugene Edwin, 1, 2,	Pfafftown.
Phillips, Anna, 1,	Gresham, S. C.
Phillips, Anton Alexander, 1, 2,	Raleigh.
Phillips, Mrs. Florence Poteat, 1,	Old Fort.
Pierce, Lollie, 1,	Hallsboro.
Pinner, Charles Harlan, 1,	Wentworth.
Pittard, Allene, 1,	Nelson, Va.
Pittman, Mrs. C. L., 1,	Greenville, S. C.
Pittman, Eureka, 1,	Lumberton.
Plumly, Lindsay Catlin, 1,	Winston-Salem.
Pomiano, Mrs. Regla, 1,	Tampa, Fla.
Poole, Mrs. Mamie Morgan, 1,	Clayton.
Pope, Clarence Hatcher, 1, 2,	Rose Hill.
Poplin, Robert Lemuel, 1, 2,	Statesville.
Poppe, Ferdinande, 1,	Tryon.
Poore, Mrs. Ralph Dugas, 1,	Walhalla, S. C.
Potts, Laeta Lawrence, 1,	Savannah, Ga.
Powell, Jeanette, 1,	Enfield.
Pratt, Elsie Swann, 1, 2,	Efland.
Prescott, Annie Verdell, 1,	Ayden.
Price, Dorothy, 1,	Locust Grove, Ga.
Price, James Curtis, 1, 2,	Ellerbe.
Price, Rebecca, 1, 2,	Bishopville, S. C.
Price, Richard Quecell, 1, 2,	Leaksville.
Pridgen, Foster Morris, Jr., 2,	Rocky Mount.
Pridgen, Mary Blackwell, 1, 2,	Durham.
Proctor, Josie, 1,	Rocky Mount.
Proctor, Lula Westry, 1,	Rocky Mount.
Proctor, Mamie Estelle, 1,	Rocky Mount.
Proctor, Ruth Gordon, 1, 2,	Scotland Neck.

Proffit, Oliver McNeil, 1, 2,	Goshen.
Prouty, Frederick Morgan, 1,	Chapel Hill.
Pryor, Opal Susan, 1,	Bear Wallow.
Pugh, Mrs. Eula Parrish, 1,	Chapel Hill.
Purser, Clara Endow, 1,	Unionville.
Purser, Faye Caroline, 1,	Unionville.
Purser, James Clayton, 1, 2,	Unionville.
Quickel, John Cephas, 1, 2,	Gastonia.
Ramsden, Howard Terman, 1,	Spray.
Ramsey, Bex, 1,	Mars Hill.
Raney, Thomas Hansard, Jr., 1,	Chapel Hill.
Ransdell, Willie Grace, 1, 2,	Varina.
Rape, Dowd Laney, 1, 2,	Monroe.
Ratchford, Audrey Smyre, 1,	Gastonia.
Ratley, Dorothy Norine,	Saint Pauls.
Rawlinson, Lucile Gladys, 1,	Jordan, S. C.
Rawls, Cyrus Franklin, 1, 2,	Catherine Lake.
Ray, John Wyeth, 1, 2,	Pittsboro.
Rayworth, Mrs. Frances, 1,	Greenwood, S. C.
Reaves, Marie Meacham, 2,	Union, S. C.
Redding, John Charles, 1, 2,	Trinity.
Redfearn, Ruth Neal, 1, 2,	Monroe.
Redfern, Anna Frances, 1,	Monroe.
Redfern, Charles Nance, Jr., 1,	Monroe.
Redfern, Mary Eunice, 1, 2,	Peachland.
Reese, Otto Horace, 1,	Hendersonville.
Reid, Ralph Connor, 1, 2,	Charlotte.
Reynolds, Troxwell Crawford, 1, 2,	Chapel Hill.
Rice, Muriel Elizabeth Leah, 1,	Conover.
Richards, Mary James, 1,	Davidson.
Richardson, Hazel Asbury, 1, 2,	Star.
Richardson, Joseph Phillips, 1, 2,	Winston-Salem.
Richardson, Lessie Maude, 1,	Wendell.
Richardson, Mabel Elizabeth, 1,	Seagrove.
Richardson, Treva Lura, 1,	Seagrove.
Richardson, Verla Evelyn, 1, 2,	Monroe.
Richmond, Verla Evelyn, 1, 2,	Monroe.
Richmond, Mrs. Marguerite Claire, 1,	Chapel Hill.
Riddick, Edith Imogene, 1,	Gatesville.
Riddick, Susie Belle, 1,	Durham.
Riess, Marie Ellis, 1,	Tallahassee, Fla.
Riggsbee, Mary Louise, 1, 2,	Carrboro.
Riley, Phaus Binford, 1,	Hillsboro.
Risher, Cornelia Janie, 1,	Smoaks, S. C.
Roach, Benjamin Browning, 2,	Whiteville.
Roberts, Frances Louise, 1,	Shelby.
Roberts, Mrs. J. M., 1, 2,	Greensboro.
Roberts, Victor Watson, 1, 2,	Lenoir.
Roberts, Willie Sue, 1, 2,	Social Circle, Ga.
Robertson, James Mebane, 1, 2,	Charles.
Robinson, Edna, 1,	Ivanhoe.
Robinson, Willie Mae, 1,	Newton.
Roccaforte, Charlotte Isabel, 1, 2,	New Orleans, La.
Rogers, Annie Louise, 1,	Fayetteville.
Rogers, Mrs. W. W., 1, 2,	Timberlake.
Rohrer, Carl Peffer, 1,	Rosslyn, Va.
Rooker, Susie Eleanor, 1, 2,	Norlina.
Rose, Jean Evans, 1, 2,	Chapel Hill.

Rose, Lessie, 1,	Nashville.
Rose, Marea Kirkland, 1,	Charlotte.
Ross, Celeste Prince, 2,	Edgerton, Va.
Ross, Charles Reid, 1, 2,	Lillington.
Ross, Maxie Lee, 1,	Vineland.
Rouse, Mattie White, 1,	La Grange.
Rouse, Mrs. Rachel Bishop, 1,	Belhaven.
Rowe, Ezra Wise, 1, 2,	Leaksville.
Rowe, Roy Herbert, 1, 2,	Chapel Hill.
Rowland, Aplice Adele, 1, 2,	Dunn.
Rowland, Creelmen, 1,	Albemarle.
Royal, Kathryn, 2,	Cordele, Ga.
Royster, Chauncey Lake, 1,	Chapel Hill.
Rozier, Esper Volene, 1,	Lumberton.
Ruble, William Charles, Jr., 1, 2,	Newport, Tenn.
Sack, David, 2,	Brooklyn, N. Y.
Salley, Anne Chicholm, 1,	Henderson.
Sanderson, Earlie Clifford, 2,	Wallace.
Sandlin, Henry Howard, 1,	Fayetteville.
Saunders, Carrie Mae, 1, 2,	Burgaw.
Scarborough, Mary Gray, 1,	Wanchese
Schaaf, Bernard John, 1, 2,	Chapel Hill.
Schnell, Herman Walker, 1,	Chapel Hill.
Scott, Walter Lee, Jr., 1,	Weldon.
Eagle, Irma R., 1,	Camden, S. C.
Seawell, Annie, Mrs. 1,	Lemon Springs.
Sharpe, Paul Lucas, 1, 2,	Granite Falls.
Sharpe, Stella Gentry, 2,	University.
Shaw, Irma, 2,	Greensboro.
Shaw, Sue Blount, 1,	Lumberton.
Sheets, William Glen, 2,	Winston-Salem.
Sheffield, James Harold, 1,	Canton.
Shemwell, Everard Baxter, 2,	Asheville.
Sheppard, Adela Dillard, 2,	Winston-Salem.
Sher, Philip, 1, 2,	Durham.
Sherrill, Leora Ella, 1, 2,	Newton.
Shield, Mary Peterson, 2,	Windsor.
Shields, Mrs. J. M., 1,	New Bern.
Shohan, Judah, 1, 2,	Greensboro.
Shuptrine, Marion, 1,	Statesboro, Ga.
Sedbury, Mary Dell, 1,	Wilmington.
Sigmon, Wales Franklin, 1, 2,	Alexis.
Sikes, Charles Culpepper, 2,	Monroe.
Silverstein, Sam, 1,	Rockingham.
Simmons, Annie Grimes, 1, 2,	Wilson.
Simms, George Dyson, 1,	Washington, D. C.
Simpson, Howard Holmes, 1, 2,	Roseboro.
Sipe, Eugene C., 1,	Cherryville.
Siske, Grady Cornell, 1, 2,	Pleasant Garden.
Skinner, Jacob Edward, 1,	Greenville.
Slack, Ruth Elizabeth, 1,	Randleman.
Slate, Lester Hillard, 1,	Spencer.
Sledge, Beatrice, 1,	Draper.
Sledge, Mrs. Robert S., 1,	Draper.
Smith, Anna Cornelia, 2,	White Oak.
Smith, Ashby Wade, 1, 2,	Durham.
Smith, Betty Coward, 1,	Kinston.
Smith, Bessie Mitchell, 1,	Clarkton.

Smith, Connie Elizabeth, 1, 2,	Marshville.
Smith, Charles Lee, Jr., 1,	Raleigh.
Smith, Christine Tabitha, 1, 2,	Fountain.
Smith, David Henry, 2,	White Oak.
Smith, Elizabeth Josephine, 1,	Union, S. C.
Smith, Florine Maria, 1,	Kittrell.
Smith, Juanita, 1, 2,	Kelly.
Smith, Margueritte Everette, 2,	Gibson.
Smith, Mary Emeline, 1,	Wingate.
Smith, Mary Frances, 1,	Acme.
Smith, Margaret Ruth, 1,	Shelby.
Smith, Ora Mae, 1,	Holland, Va.
Smith, Rachel Anita, 1,	Clarksburg, W. Va.
Smith, Sadie Mae, 1,	Edenton.
Smithey, Mamie, 1,	Crumpler.
Smithwick, Laura Purnell, 1, 2,	Blount's Creek.
Snow, Ophelia, 1,	Macon, Ga.
Sosnik, Nestor Yale, 1, 2,	Winston-Salem.
Spain, Kathleen, 1,	Greenville.
Spake, Annie Lee, 1,	Shelby.
Sparks, Nannette, 1,	Russellville, Ala.
Speight, May Christine, 1,	Stantonsburg.
Spence, Sidney Raleigh, 1, 2,	Tangier, Va.
Spencer, Mrs. Elizabeth Masemore, 2,	Pee Dee.
Spivey, Mrs. Havens Taylor, 1,	Chapel Hill.
Spivey, James Grier, 1,	Clinton.
Sprott, Sue, 1,	Manning, S. C.
Spruill, Alvermon Belmont, 2,	Gum Neck.
Sronce, Edna, 1,	Andrews.
Stackhouse, Arva Eastwood, Mrs., 1, 2,	Durham.
Stamey, Vera, 1,	Newton.
Stanback, Eleanor Lois, 1,	Mt. Gilead.
Stanley, James Alford, 1, 2,	Warrnesville.
Stanley, Wade Hampton, 1, 2,	Four Oaks.
Starling, Naomi Ruth Sikes, 1,	Durham.
Staton, Edwin Thompson, 1,	Saluda.
Stein, Joseph Bernard, 1, 2,	Fayetteville.
Stein, Lillie, 1,	Sylva.
Stephenson, Mary Gladys, 1,	Carina.
Stepp, Otis, 1, 2,	Hendersonville.
Stevens, Elizabeth, 1, 2,	Monroe.
Stevenson, Irene, 1,	Loray.
Stewart, Charles Davis, 2,	Edenton.
Stewart, Eva, 1, 2,	Gloucester.
Stewart, John Henry, 1,	Greensboro.
Stokes, Durward Turrentine, 1, 2,	Burlington.
Stokes, Gladys, 1,	Grifton.
Stone, George Pryor, Jr., 1, 2	Greensboro.
Stone, Helen, 1, 2,	Apex.
Stone, Leon Girley, 1, 2,	Greensboro.
Stone, Mary Catherine, 1,	Salem, W. Va.
Stoute, Clara Mae, 1,	Stony Point.
Strain, Robert Anna, 2,	Greenwood, S. C.
Strickland, Alton Randolph, 1, 2,	Elm City.
Strickland, Nelle, 1,	Nashville.
Strickland, William Laurence, 1, 2,	Old Dock.
Stroupe, Lee Francis, 1,	Crossnore.
Struchen, Helen Margery, 2,	St. Paul, Minn.

Studdert, Clay Carter, 1, 2,	Chapel Hill.
Stutz, Alice, 1, 2,	Southern Pines.
Suggs, William Wingate, 1,	Chapel Hill.
Sullivan, Avis Carolyn, 1,	Cherryville.
Sumerell, Bessie Harriette, 1,	Grifton.
Summers, Mabel Gray, 1, 2,	Dunlap.
Surratt, Margaret Elizabeth, 1,	Burlington.
Suskin, Albert Irving, 1, 2,	New Bern.
Suttle, Nancy, 1, 2,	Shelby.
Sutton, Murriel, 1, 2,	Live Oak, Fla.
Sykes, Grace Lawrence, 1,	Woodland.
Sykes, Helen Benson, 1, 2,	Asheboro.
Sykes, Martha Winston, 1, 2,	Columbia.
Sykes, Nora Alice, 1,	Chapel Hill.
Tabb, William Shields, 1,	Wilmington.
Talley, Ralph Bingham, 1,	Randleman.
Talton, Ira Bryant, 1,	Goldsboro.
Tanenhaus, Tobie Maxine, 1,	New York City, N. Y.
Tarry, Frances Hunt, 1,	Townsville.
Tatum, Annie Pearle, 1,	Mocksville.
Taylor, Francis Marion, Jr., 2,	Enfield.
Taylor, Nannie Louise, 1, 2,	Kinston.
Taylor, Virginia Caroline, 1,	Greenwood, S. C.
Teague, Elsie Mozelle, 1, 2,	Liberty.
Temple, Mrs. Edgar Sample, 2,	Hildebran.
Templeton, Lakie Emily, 1,	Gate City, Va.
Thomas, Edward Frank, 1, 2,	Bainbridge, Ga.
Thomas, Fred Chalmers, 1,	Siler City.
Thomas, M. Elizabeth, 1,	Moncure.
Thomas, Phillips Laughton 1,	Erwin.
Thompson, Carrie Belle, 2,	Goldsboro.
Thompson, Christine Bishop, 1,	Dunn.
Thompson, Lallah, 1, 2,	Macon.
Thompon, Loy Durnant, Jr., 1, 2,	Greensboro.
Thompson, Swannie Mae, 1,	Saxapahaw.
Thornburg, Mary, 1,	Timberland.
Thorne, Florence Leona, 2,	Farmville.
Thurston, Doc. Jaones, 1, 2	Clayton.
Tilley, Jessie Burton, 1,	Bahama.
Todd, Robert Leslie, 1,	Yadkinville.
Talbert, Dorothy Jean, 2,	Spartanburg, S. C.
Tomeny, Rose Nell, 1, 2,	New Orleans, La.
Toney, Ura Velle, 1,	Columbia, S. C.
Totz, Rosalyn, 1,	Northfork, W. Va.
Townsend, Mary Graham, 1,	Lenoir.
Townsend, Sara Bertha, 1, 2,	McDonald.
Travis, Joseph Glenn, 1,	Candler.
Traynham, Mary Olivia, 1,	Fairmont.
Tremain, Mrs. R. L., 1,	Windsor.
Triplett, Homer Corbin, 1,	Maple Springs.
Tripp, Clevie Lillian, 1	Blounts Creek.
Tripp, Gilbert Allen, 1, 2,	Blounts Creek.
Troutman, Margaret Louise, 1, 2,	Statesville.
Tucker, Celia Price, 1,	Concord.
Tumlin, Emily Louise, 1, 2,	Tampa, Fla.
Tumlin, Margaret Frances, 1, 2,	Tampa, Fla.
Tune, Mary Elizabeth, 1,	Columbus, Ga.
Turner, George Ella, 1,	Fairmont.

Turner, Janie Florida, 1,	Winnsboro, S. C.
Turner, Lula, 1,	Martinsville, Va.
Turner, Samuel Monroe, 1, 2,	North Wilkesboro.
Tuttle, Orin Augustus, 1,	Pineville.
Tyler Dora Jane, 2,	Fitzgerald, Ga.
Tyler, Ruth Hope, 1,	Roxobel.
Tyson, Mary Glenn, 2,	Carthage.
Umberger, Elizabeth Lea, 1,	Greensboro.
Umphlet, Thomas Leonard, 1, 2,	Chapel Hill.
Umstead, Raymond Puckett, 1, 2,	Stem.
Umstead, Sara Vertie, 1,	Stem.
Underhill, Florence Egerton, 2,	Louisburg.
Unger, Robert McIlhenny, 2,	Westminster, Md.
Upchurch, Lonnie Milton, 1, 2,	New Hill.
Upchurch, Mrs. Lonnie Milton, 1,	Belhaven.
Upshaw, Frances, 1, 2,	Rosebud, Ga.
Urquhart, Alice Childs, 1,	Columbia, S. C.
Uzzle, Mrs. Lula L., 1,	Wilson's Mills.
Van Every, William Hamilton, 1, 2,	Charlotte.
Van Horn, Margaret Sidney, 1,	Clifton Forge, Va.
Vann, Eddie Mae, 1,	Como.
Vann, Mary, 1,	Clinton.
Vaughan, Gladys, 1,	Rich Square.
Vaughan, Evan James, 1, 2,	Rocky Mount.
Vaughan, John Southgate, 1,	Woodland.
Veitch, Lucille Parke, 1,	Richmond, Va.
Venters, Mary Lou, 1,	Richlands.
Vernon, Homer Jameson, 1, 2,	Spray.
Vickers, Mantelle Ribble, 1,	Durham.
Vining, Fannie Jennie, 1,	Hamlet.
Virden, Annie Sue, 2,	Falcon.
Voorhees, Drusilla Myrtle, 1,	Pine Hill.
Waddell, Genevieve, 2,	Effingham, S. C.
Wagoner, George Bryan, 1, 2,	Clemmons.
Wagoner, John Fillmore, 1, 2,	Elon College.
Wagstaff, Mary Frances, 1,	Chapel Hill.
Waldrop, Minnie Lou, 1, 2,	Birmingham, Ala.
Walker, Bessie Mae, 1,	Asheboro.
Walker, Lucile Sallie, 1,	Graham.
Walker, Mildred, 2,	Chapel Hill.
Walker, Thomas Henry, 1, 2,	Chapel Hill.
Wall, Mrs. Ben R., 1,	Lilesville.
Wall, Mrs. Elizabeth Long, 1, 2,	Lilesville.
Wall, John Edgar, Jr., 1, 2,	Benson.
Wall, Boger, Irving, 1, 2,	Wendell.
Wallace, John, 1,	Pocahontas, Va.
Ward, Dean Augustus, 1, 2,	Zinconia.
Ward, James Keefe, 1,	Hendersonville.
Ward, Jessie Speight, 1, 2,	Chapel Hill.
Ward Joseph Tyson, 1, 2,	Chapel Hill.
Ward, Roberts Vance, 1,	Wampee, S. C.
Warner, Beatrice Carolyn, 1,	Staunton, Va.
Warren, Frances Mayo, 1,	Conetoe.
Warren, Lila Ruth, 1,	Burlington.
Warren, Mrs. Virgil Leroy, 1,	Prospect Hill.
Warrick, Mrs. Leslie Elton, 1,	High Point.
Watkins, Joe Henry, 1, 2,	Charleston, S. C.
Watkins, Nannie Guy, 1,	Henderson.

Watson, Elizabeth Boyd, 1,	Fayetteville.
Watson, Mary Fayette, 1,	Aurora.
Watson, Mary Mabel, 2,	Jonesboro.
Watson, Mary Hinton, 1,	Darlington.
Watson, Margaret Rebecca, 1,	McComb, Miss.
Watts, Walter Archibald, 1,	St. Pauls.
Weathers, John Seabron, 1, 2,	Ocala, Fla.
Webb, Maude Alma, 1,	Mt. Airy.
Webb, Ray Benjamin, 1, 2,	Stantansburg.
Webb, Thomas Norfleet, 1, 2,	Hillsboro.
Webb, Whitmel Hill, 1, 2,	Raleigh.
Webster, Benjamin Richard, 2,	Madison.
Webster, James William, 1, 2,	Leaksville.
Webster, Selma Cooper, 1, 2,	Burlington.
Weeks, Clarence Johnson, 2,	Whitakers.
Welborn, Kermit Wayne, 1, 2,	Statesville.
Welch, Ruth, 2,	Pelham, Ga.
Wells, Eugene Ernest, 1, 2,	Greenville, S. C.
West, Mrs. Anne Downman, 1,	Coral Gables, Fla.
West, Charles Harden, 1, 2,	Greensboro.
West, Mabel Virginia, 1,	Alliance.
West, Vonnie, 1,	West's Mills.
Westbrook, Cora Rebecca, 1,	Rock Hill, S. C.
Westermann, Elizabeth C., 1,	Norfolk, Va.
Wharton, Mary Jane, 1,	Greensboro.
Wheeler, Pauline, 1, 2,	Benson.
Whichard, Willis Guilford, 1,	Stokes.
Whisnant, Howard Preston, 1, 2,	Belmont.
Whitaker James Allen, 1,	Zebulon.
Whitaker, Rudolph Carlyle, 1, 2,	Oak Ridge.
White, Elizabeth, 1,	Live Oak, Fla.
White, Ella Mae, 1, 2,	Middletown.
White, Harold Moultrie 1,	High Point.
White, Inez, Mary, 1,	Belvidere.
White, Mrs. Inez Onley, 1,	Hertford.
White, James Alfred, 1, 2,	Scotland Neck.
White, Jessie Warren, 1,	Warrenton.
White, Lila, 1,	Statesville.
White, Sally, 1, 2,	Scotland Neck.
White, Virginia Marion, 1,	Tillery.
White, William Johnson, 1, 2,	Columbia.
Whitley, Howard Emsley, 1,	Monroe.
Whitley, Katie Esther, 1,	Enfield.
Wicker, Christine, 1,	Sanford.
Wilcox, George 1, 2,	Newport.
Wilder, Leonora DeLyon, 2,	Galveston, Texas.
Wilkerson, Robert Jennings, 1,	Roxboro.
Wilkins, Bettie H., 1,	Linden.
Wilkinson, John Archbell, 2,	Pantego.
Wilkinson, Margaret Virginia, 1,	Laurinburg.
Williams, Mrs. Annie Jones, 1,	Wingate.
Williams, Beulah Clarke, 1,	Hamlet.
Williams, Helen Marenda, 2,	Elizabeth City.
Williams, Irvine, 1,	Clover, Va.
Williams, Louise, 1,	Wadesboro.
Williams, Luna Mary, 1, 2,	Newton Grove.
Williams, Ruby, 1, 2,	Barnesville.
Williams, Ruth Ellen, 1, 2,	Morven, S. C.

Williamson, Colie Vernon, 1, 2,	Hobucken.
Williamson, George Edgar, 1, 2,	Liberty.
Williamson, Pearl Lee, 1,	Evergreen.
Williamson, Rennie Griffin, 1,	Manteo.
Willis, Meade Homer, 2,	Winston-Salem.
Wilson, Bonny Columbus, 2,	Glenville.
Wilson, Evelyn, 1,	Wilson's Mills.
Wilson, Emile May, 2,	Southern Pines.
Wilson, Frank, Jr., 2,	Greenville.
Wilson, John Nelson, Jr., 2,	Cullowhee.
Wilson, Mrs. Mabel West, 1, 2,	Wilmington.
Wilson, Willis Alexander, 1,	Dover.
Wily, John Fleming, 1, 2,	Durham.
Windley, Mrs. Ruby Harrison, 1, 2,	Plymouth.
Winecoff, George Caldwell, Jr., 2,	Gastonia.
Winecoff, Geneva Jean, 1, 2,	Albemarle.
Winstead, Sadie, 1, 2,	Raleigh.
Winston, Robert Watson, 2,	Evanston, Ill.
Wise, Eugene Marion, 1,	Lincolnton.
Wise, Lillie Selma, 1, 2,	Arapahoe.
Wiseman, Eva Antoinette, 1,	Spencer.
Wiseman, James Edgar, 2,	Henrietta.
Witty, Thomas Ezekiah, 1, 2,	Summerfield.
Wolfe, Isabel Virginia, 1,	Monroe.
Wolfe, Mildred Hitch, 1,	Laurel, Del.
Womack, Leonora, 1,	Warsaw.
Wood, Donald Leigh, 2,	Kinston.
Wood, Henry Alton, 1, 2,	Lincolnton.
Wood, Ivey Walton, 2,	Troy.
Woodall, Lucille Hettie, 1,	Clayton.
Woodall, Marshall Franklin, 1, 2,	Benson.
Woodard, Marvin Erastus, 2,	Goldsboro.
Woodard, Norwood Burnice, 1, 2,	Kenly.
Woodard Wayne Owen 1,	Bryson City.
Woodcock, Idell Dorothy, 1,	Atkinson.
Woody, Elizabeth, 1, 2,	Raleigh.
Wooten, Estelle, 1,	Clarkton.
Wooten Emma Mary, 1,	Stantonsburg.
Wooten, Robin Nathaniel, 2,	Olin.
Worsley, Mary Louise, 1,	Rocky Mount.
Wrenn, Margaret Elizabeth, 2,	Siler City.
Wrenn, Ola, 1,	Steeds.
Wright, Lillie Mae, 1, 2,	Hillsboro.
Wright, Mrs. Nathaniel, 1,	Ahoskie.
Wyche, Emet Hughes, 1, 2,	Guilford College.
Wyrick, Charles Lloyd, 1, 2,	Greensboro.
Yarbrough, Virginia Wright, 1, 2,	Burlington.
Yarbrough, Bessie, 1,	Jenkinsville, S. C.
Yeargan, Sherman Austin, 1, 2,	Garner.
Young, Cassye Averett, 1,	Danville, Va.
Young, Henry Dewey, 1, 2,	Roxboro.
Young, Marion Justice, 1,	Spartanburg, S. C.
Young, Vesta Lucile, 1,	Brevard.
Zachary, Hazel, 1, 2,	Snow Camp.

SUMMARY OF STUDENTS, 1929-1930

GRADUATES (Regular and Summer)	467	274	741	741
UNDERGRADUATES:	*Men*	*Women*	*Total*	*Total*
Fourth Year	245	42	287	
Third Year	499	52	551	
Second Year	675	3	678	
First Year	755	4	759	2,275
SPECIAL STUDENTS:				
Public Welfare	0	2	2	
Other Specials	22	7	29	31
STUDENTS IN LAW:				
Third Year	34	0	34	
Second Year	42	0	42	
First Year	45	1	46	
Summer (1929) Credit	88	1	89	211
STUDENTS IN MEDICINE:				
Second Year	38	2	40	
First Year	39	2	41	81
STUDENTS IN PHARMACY:				
Third Year	16	1	17	
Second Year	18	0	18	
First Year	34	1	35	70
Totals	3,017	392	3,409	666

STUDENTS IN THE SUMMER QUARTER (1929):		
Graduates (counted above also)		455
Undergraduates		1,433
Total in the Summer Quarter		1,888
STUDENTS IN THE EXTENSION DIVISION:		
Correspondence (Degree Credit)	394	
Correspondence (Degree and Certificate Credit)	102	
Correspondence (Certificate Credit)	1.070	
Correspondence (Non-credit)	46	
Class Instruction (Degree Credit)	373	
Class Instruction (Degree and Certificate Credit)	1,163	
Class Instruction (Certificate Credit)	790	
Class Instruction (Non-credit)	226	
Total in the Extension Division	4,164	
Regular in the Extension Division		3,892
Total of Regular Students		9,189
Deduct for Names Counted Twice		643
Net Regular Students		8,546
Total of Non-credit Students (omitting duplicates)		340
Grand Total (omitting duplicates)		8,886

INDEX

Absences, 74, 75.
Accountancy, Course in, 229.
Accounting, Courses in, 116, 117.
Administration, Officers of, 8, 9.
Administrative Board of the College, 190.
of the School of Commerce, 220.
of the School of Education, 212.
of the School of Engineering, 207.
of the Graduate School, 237.
of the School of Applied Science, 201.
of the School of Public Welfare, 231.
of the Summer School, 253.
of the Extension Division, 272.
of the School of Law, 280.
of the School of Medicine, 297.
of the School of Pharmacy, 307.
Administrative Boards, Status, etc., 32, 33.
Admission to the University, 52.
Admission to Advanced Standing, 52.
to the College, 55.
to the School of Commerce, 57.
to the School of Education, 56.
to the School of Applied Science, 55.
to the School of Engineering, 56.
to the School of Law, 57.
to the School of Medicine, 58.
to the School of Pharmacy, 59.
to the School of Public Welfare, 57.
to Predental Course, 56.
to Premedical Course, 56.
to the Graduate School, 57.
of Women, 53.
Advanced Standing, Admission to, 52.
Advertising, etc., Course in, 228.
Aeronautical Engineering, 211.
Courses in, 136.
Aid, Pecuniary, 64.
Alexander Prize in Greek, 70.
Alumni Association, General, 97, 98.
Scholarships, 64.
American Institute of Electrical Engineers, 93.
American Society of Civil Engineers, 92.
Andrews Loan Fund, 68.
Anatomy, Courses in, 301.
Applied Science, School of, 201.
Armfield Scholarships, 65.
Arts, The College of Liberal, 190.
Athletics, 34, 80.
Patterson Medal for, 71.
Rules of Eligibility to, 80-84.
Athletics and Debating, 278.
Attendance Regulations, 75.
Bacteriology, Courses in, 302.
Banking and Finance, Course in, 228.
Bible Study, Courses in, 96.
Bingham Prize in Debate, The, 70.
Biological Laboratories, The, 39.
Biology, Courses in, *see Botany and Zoölogy.*
Blackwood Loan Fund, 68.
Board, 63.
Botany, Courses in, 100, 243, 258, 314.
Bryan Prize, The, 70.
Bryant Fund, The, 67.
Buchan Scholarship, 65.
Buildings, List of, 36, 37.
Business Law, Course in, 229.
Cain Prize in Mathematics, 70.
Calendar, 3.
Cameron Scholarships, 64.
Carolina Playmakers, 95.
Central Administrative Council, 87.
Centro Hispano, 92.
Cercle Francais, 92.
Certificates, Entrance by, 52.
Chapel Exercises, 34, 75.
Charter of the University, 28.

Chemical Engineering, Bachelor of Science, in, 211.
Courses in, 103.
Chemical Laboratories, 38.
Chemistry, Bachelor of Science in, 202.
Courses in, 101-105, 243, 259, 273, 305, 306, 313.
Fellowship in, 64.
Chorus, Community, 93.
Christian Association, Young Men's, 95, 96.
Civil Engineering, Bachelor of Science in, 210.
Courses in, 130-139.
Laboratories, 44.
Civil Engineers, American Society of, 92.
Classical Languages, Courses in, 104-109.
Coif, The Order of the, 295.
College of Liberal Arts, 190.
Commencement of 1929, 316.
Commerce, Bachelor of Science in, 227.
School of, 220.
Courses in, 116-121, 245, 260, 274.
Commercial and Industrial Relations, 277.
Committees of the Faculty, 26, 27.
Commons, *see Board.*
Community Chorus, 93.
Community Drama, 277.
Community Music, 277.
Comparative Literature, Courses in, 110-112.
Conditions, Examinations for the Removal of, 76.
Conduct, 74.
Consular Service, Course in Foreign Trade and, 229.
Coöperative Engineering Education, 208.
Correspondence Courses, 273.
Council, Central Administrative, 87.
The Student, 86.
Courses, Arrangement of, 73.
by Departments, 100-189.
for Bachelor of Arts, 193-197.
for Bachelor of Arts and Laws, 283.
for Bachelor of Arts in Education, 213-217.
for Bachelor of Arts in Journalism, 197.
for Bachelor of Arts in Music, 197.
for Bachelor of Laws, 283.
for Bachelor of Science in Chemistry, 202.
for Bachelor of Science in Commerce, 227-230.
for Bachelor of Science in Commerce and Laws, 284.
for Bachelor of Science in Engineering, 209-211.
for Bachelor of Science in Medicine, 202.
for Bachelor of Science in Geology, 203.
for Bachelor of Science in Pharmacy, 204.
for Graduate in Pharmacy, 309, 310.
for Master of Arts, 241.
for Master of Science, 241.
for Doctor of Philosophy, 241.
for Doctor of Law, 285.
in the Graduate School, 243-252.
in Law, 288-292.
in Medicine, 301-306.
in Pharmacy, 310-315.
in School of Public Welfare, 235.
Correspondence, 273-276.
by Extension Class Instruction, 273.
Method of Numbering, 99.
Reduction of credit for, 99.
Curriculum, *see Courses.*
Davis Scholarships, 66.
Deans of Colleges and Schools, 8.
Debate, Prize in, 70.
Debating and Athletics, 278.
Deems Fund, The, 67.

Degree of Bachelor of Arts, 193.
Bachelor of Arts in Education, 213-217.
Bachelor of Arts and Laws, 283.
Bachelor of Arts in Journalism, 197.
Bachelor of Laws, 283.
Bachelor of Science in Chemistry, 202.
Bachelor of Science in Medicine, 202.
Bachelor of Science in Geology, 203.
Bachelor of Science in Pharmacy, 204.
Bachelor of Science in Commerce, 227-230.
Bachelor of Science in Commerce and Laws, 284.
Doctor of Philosophy, 241.
Doctor of Law, 285.
Graduate in Pharmacy, 309, 310.
Master of Arts, 241.
Master of Science, 241.
Degrees offered, 31.
Degrees With Distinction, 197.
Delayed Registration, 73.
Delta Sigma Pi Scholarship Key, 71.
Departments of Instruction, 100-189.
Deutsche Verein, Der, 91.
Dialectic Literary Society, 89.
Scholarship, 64.
Diploma Fee, 63.
Discipline, 34.
Dismissal for Misconduct, 74.
Honorable, 80.
Distinction, Degrees with, 197.
Doctor of Law, 285.
Doctor of Philosophy, 241.
Dormitory Rooms, 63, 73.
Dormitory Accommodation, 36, 37, 63.
Drawing Courses in, 130.
Early English Text Society Prize, 70.
Economic and Social Surveys, Bureau of, 278.
Economics, Courses in, 112-116, 245, 250, 260, 274.
Economics (Rural), Courses in, 181, 182, 268, 275.
Education, Bachelor of Arts in, 208.
Courses in, 121-130, 245, 260, 270, 274.
School of, 212.
Educational Research, Bureau of, 218.
Information and Assistance, 279.
Service and Information, 219.
Elementary Education, Curriculum in, 215.
Electrical Engineering, Bachelor of Science in, 209.
Courses in, 130-139.
Laboratories, 45.
Electrical Engineers, American Institute of, 93.
Eligibility for Athletics, 80.
for Fraternities, 79.
for Student Activities, 84.
Elisha Mitchell Scientific Society, 89.
Embryology, Course in, 302.
Employment, Student, 68.
Engineering, Courses in, 130-139, 243.
Laboratories, 44.
The School of, 207.
Societies, 92, 93.
English, Courses in, 139-146, 246, 262, 270, 274, 275.
Prizes in, 70, 71.
Entertainment Course, Student, 94.
Entrance Examinations, 52.
Entrance Requirements, 53, 55-59.
Entrance, Subjects Accepted for, 54.
Examinations, Absence from, 77.
Comprehensive, 76.
Regulations concerning, 76-78.
Excuses from, 76.
for entrance, 52.
for removal of conditions, 76, 77.
Expenses in College, 60.
in School of Applied Science, 60.
in School of Engineering, 60.
in School of Education, 60.

in School of Commerce, 60.
in School of Public Welfare, 56.
in School of Law, 61.
in School of Medicine, 61.
in School of Pharmacy, 61.
in Graduate School, 60.
Extension Class Instruction, 273.
Extension Division, 272.
Extension Lectures, 276.
Factory Organization, etc., Course in, 227.
Faculties, Special, 32.
Faculty, University, 10-26.
Committees, 26, 27.
Summer School, 253.
Undergraduate, 32.
Fee, Diploma, 63.
Transcript, 63.
Fees, Tuition, 60.
Laboratory, 61.
Laundry, 61.
Fellows, Teaching, 24.
Fellowship, Ledoux, 64.
Graham Kenan, 64.
Fellowships, 64.
University Teaching, 238.
Fine Arts, Courses in, 271.
Foreign Trade and Consular Service, Course in, 229.
Foundation of the University, 28.
Fowle Scholarship, 66.
Francais, Le Cercle, 92.
Fraternities, 79.
Free Tuition, 66, 213.
French Club, The, 92.
French, Courses in, 175-177, 250, 267, 275.
Freshman Week, 72.
Geography, Courses in, 146-149, 263.
Geology, Bachelor of Science in, 203.
Geology, Courses in, 146-149, 247, 263, 275.
Prize in, 70.
Laboratories, 38.
German Club, The, 91.
German, Courses in, 150-151, 264, 275.
Government of the University, 29.
Student, 86.
Courses in, 158-161, 264, 275.
Grades of Scholarship, 78.
Graduate Degrees, 241.
Graduate School, 237.
General Regulations, 239.
Graduation, 79.
Greek, Courses in, 105-107, 244, 258.
Prize in, 70.
Grounds and Buildings, 34-48.
Gymnasium, The, 34, 35.
Harris, Memorial, 70.
Hazing, 74.
Henderson Prize in Mathematics, 71.
Hewitt Fund, The, 67.
High School Journal, 219.
Highway Engineering Laboratories, 44.
Hispano, El Centro, 92.
Histology, Course in, 301.
Historical Society, The N. C., 90.
History, Courses in, 152-158, 247, 264, 275.
History and Government, Honors in, 199.
Hogue, Fund, The, 67.
Holt Fund, The, 67.
Holt Scholarships, 65.
Home Study Courses, 273.
Honorable Dismissal, 80.
Honors, Courses for, 197.
in Language and Literature, 198.
in History and Government, 199.
Hospital, 35, 37.
Hygiene, Courses in, 274.
Incorporation, Act of, 28.
Industrial Arts, Courses in, 271.
Information, General, 28-35.
Infirmary, 35, 37.
Instruction, Officers of, 10-26.
Insurance, Course in Risk-bearing and, 228.
Italian, Courses in, 180, 250.
Jones Scholarship, 65.
Journalism, Courses in, 161.

Degree in, 197.
Prize in, 71.
Kenan Fellowship in Philosophy, 64.
Kerr Prize, The, 70.
Laboratories, Biological, 39.
Chemical, 38.
Civil Engineering, 44.
Electrical Engineering, 45.
Geological, 38.
Materials Testing, 44.
Mechanical, 47.
Medical, 40.
Pharmaceutical, 41.
Physical, 42.
Psychological, 43.
Sanitary Engineering, 45.
Laboratory Fees, 61-63.
Language and Literature, Honors in, 198.
Late Registration, 73.
Latin, Courses in, 107-109, 244, 265, 275.
Laundry fee, 61.
Law Review, North Carolina, 294.
Law, The School of, 280.
Clubs, etc., 294.
Requirements for Entrance, 57, 281.
Courses, 288-292.
Bachelor of, 283.
The Combined Degrees, 283, 284.
Doctor of, 285.
Prizes in, 295.
Special Regulations in the School of, 285, 286.
Special students in, 282.
Students' Clubs, 294.
Summer School of, 293.
Lear Loan Fund, The, 68.
Lectures, Public, 88.
Bureau of, 276.
McNair, 88.
Weil, 88.
Ledoux Fellowship in Chemistry, 64.
Lewis Scholarships, 65.
Liberal Arts, College of, 190.
Libraries, Departmental, 50.
Library, The University, 49.
Library Science, Courses in, 161, 162, 265.
Literary Societies, 89.
Literature (Comparative), Courses in, 110-112.
Loan Funds, 67, 68.
Loans, Applications for, 68.
McNair Lectures, 88.
Mangum Medal, 70.
Contest for, 79.
Martin Fund, The, 67.
Masonic Loan Fund, The, 67.
Master's Degree, *see Degrees.*
Materia Medica, Courses in, 304, 314.
Materials Testing Laboratory, 44.
Mathematics, Courses in, 162-166, 248, 265, 275.
Prizes in, 70, 71.
Mechanical Engineering, Courses in, 130-139.
Bachelor of Science in, 210.
Laboratory, 47.
Medals and Prizes, 70, 71.
Medical Attention, 35.
Medical Laboratory, 40.
Medicine, Bachelor of Science in, 202.
School of, 297.
Courses offered in, 301-306.
Special Regulations, 301.
Scholarship (Wood) in, 300.
Merchandising, Course in, 228.
Mineralogy, Courses in, *see Geology.*
Mitchell Scientific Society, 89.
Modern Languages, *see German, French, etc.*
Moore Scholarships, 64.
Municipal Information, etc., 278.
Murchison Scholarships, 65.
Museum, Biological, 39.
Geological, 38.
Music Clubs, 93.
Music, Courses in, 167, 168, 266, 275.
Bachelor of Arts in, 197.
Musical Activities, 94.
Natural Science, Courses in, 271, 274.

Normal Courses by Correspondence, 274.
in Summer School, 270.
North Carolina Historical Society, 90.
North Carolina Club, The, 91.
Numbering Courses, Method of, 99.
Officers of Administration, 8, 9.
Officers of Instruction, 10-26.
Orations for Graduations, 79.
Prize for, 70.
Organization of the University, 31.
Pathology, Courses in, 303.
Patterson Medal for Athletics, 71.
Pecuniary Aid, 64.
Pedagogy, *see Education.*
Personnel Management, Course in, 228.
Pharmaceutical Chemistry, Courses in, 313.
Pharmaceutical Laboratory, 41.
Pharmacology, Courses in, 304.
Pharmacy, Bachelor of Science in, 204.
Courses in, 267.
Graduate in, 309, 310.
Prizes in, 315.
Scholarships in, 315.
School of, 307.
for Medical Students, 304.
Philanthropic Literary Society, 89.
Scholarship, 64.
Philological Club, 91.
Philosophy, Courses in, 168-170, 249.
Graham Kenan Fellowship in, 64.
Buchan Scholarship in, 65.
Physical Education, Courses in, 271.
Physical Laboratory, The, 42.
Physical Training, 34.
Physics, Courses in, 170-172, 249, 267.
Physiology, Courses in, 305.
Playmakers, Carolina, 95.
Political Science, Prize in, 70.
Power Plant, 47.
Practical Arts, Courses in, 271.
Predental Courses, 205, 206.
Premedical Course, 205.
Press, The University of N. C., 51.
Preston Cup in Journalism, 71.
Prizes, 70-71.
Psychological Laboratory, 43.
Psychology, Courses in, 172-174, 249, 267, 275.
Public Lectures, 88.
Public Speaking, Courses in, see English 13-18, 140, 141.
Public Welfare, School of, 231.
Professional Courses offered, 235.
Ransom Scholarship, 66.
Ray Scholarship, 65.
Record, Statements of, 63, 80.
Recreation, etc., Bureau of, 278.
Reduction of credit, 99.
Reëntrance, Requirements for, 78.
Registration in University, 72.
Registration, Delayed, 73.
Regulations, 72-85.
Religious Influences, 34.
Risk-bearing and Insurance, Course in, 228.
Rodman Scholarships, 66.
Romance Languages, Courses in, 174-180, 250, 267.
Rooms, Assignment of, 73.
Rural Social Economics, Courses in, 181, 182, 250, 268, 275.
Salesmanship, Course in Advertising and, 228.
Sanitary Engineering Laboratories, 45.
Scholarship, Grades of, 78.
Scholarships, 64.
Science, School of Applied, 201.
Seely Fund, The, 68.
Self Help, 68.
Sermons, University, 88.
Shipping, etc., Course in, 229.
Short Courses, Bureau of, 276.
Situation of the University, 29.
Smith Scholarships, 64.
Social Science, Courses in, 271, 275.
Societies, Learned, etc., 89-93.
Literary, 89.

Sociology, Courses in, 183-187, 251, 269, 276.
Southern Conference Rules, 81-83.
Spanish Club, The, 92.
Spanish, Courses in, 178-180, 250, 268, 276.
Special Faculties, 32.
Speight Scholarships, 64.
Standing (Grades), 78.
Statements of record, 63, 80.
Student Activities, Rules, 84.
Student Council, The, 86.
Student Employment, 68.
Student Entertainment Course, 94.
Student Government, 86.
Summer School, 253.
  Courses in, 258-271.
  Faculty of, 253-257.
  of Law, 293.
Surgical Anatomy, 302.
Surveys, Economic and Social, 278.
Swain Hall, 63.
Teachers' Bureau, 218.
Teaching Fellowships, 238.
Toms Scholarship, 66.
Training School in Education, 217.
Transportation, etc., Course in, 229.
Transcripts of Record, 63, 80.
Trustees, 5-7.
Trustees, Executive Committee of, 7.
Tuition Fee, 60.
Tuition, Free, 66, 213.
Undergraduate Faculty, 32.
University Extension Division, 272.
University Library, 49.
University of N. C. Press, 51.
University Sermons, 88.
University Organizations, 89.
Visual Instruction, Bureau of, 278.
Weil Lectures, 88.
  Scholarship, 65.
Withdrawal Regulations, 79.
Women, Admission of, 53.
Wood Scholarships, 64, 300.
Wright Memorial Medal, 71.
Year, The College, 33.
Young Men's Christian Association, 95, 96.
Zoölogy, Courses in, 187-189, 251, 270.